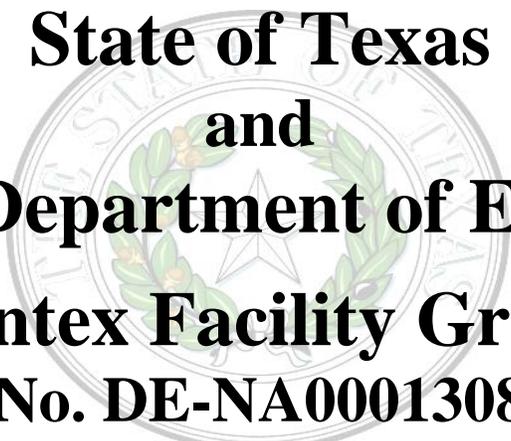

Agreement in Principle

No.52-11NA-30472

State of Texas
and
U.S. Department of Energy
Pantex Facility Grant
No. DE-NA0001308

The seal of the State of Texas is visible in the background, featuring a five-pointed star surrounded by a wreath of olive and live oak branches, with the words "THE STATE OF TEXAS" and "1845" inscribed around the perimeter.

Quarterly Report

Fiscal Year 2016

1st Quarter

October 1, 2015 – December 31, 2015



GLENN HEGAR TEXAS COMPTROLLER OF PUBLIC ACCOUNTS

P.O.Box 13528 • Austin, TX 78711-3528

AGREEMENT IN PRINCIPLE
U.S. DEPARTMENT OF ENERGY
AND
THE STATE OF TEXAS
QUARTERLY REPORT

1st QUARTER
FISCAL YEAR 2016
October 1, 2015 – December 31, 2015

The State Energy Conservation Office (SECO) has prepared this report for the 1st quarter of Fiscal Year 2016. SECO is responsible for coordinating the activities of the Agreement in Principle (AIP) participants and for processing vouchers. AIP participants are reimbursed for appropriate expenses, following state and federal guidelines.

A summary of each participant's expenditures is included in this report. That is followed by individual reports detailing the work performed under the various AIP tasks.

The Task I and II Environmental Cleanup meeting is now conducted annually in conjunction with the Pantex Long-Term Stewardship Public Meeting. The Task II AIP meeting took place on November 2, 2015 at the Carson County Emergency Operations Center.

At that meeting, Tony Biggs with Consolidated Nuclear Services reported a recent sample pulled from the Ogallala aquifer indicated high explosives contamination above the detection level, but below the health effects level. Additional sampling will be conducted.

All other components of the cleanup program remain on schedule.

The Pantex Long-Term Stewardship Public Meeting followed at the Square House Museum in Panhandle, Texas.

The Task III meeting was held on December 8, 2015 at the DPS EOC. The minutes from that meeting are attached.

Work continues between DOE and local governments on executing a new Memorandum of Understanding (MOU) to authorize Pantex personnel to sound the offsite sirens within the emergency planning zone (EPZ) in the event of an incident at Pantex.

MOUs between Pantex and AIP participants for mutual aid with firefighting, law enforcement, and other services were approved for Armstrong and Carson counties. An MOU between DOE and the city of Amarillo/Potter/Randall counties is under review.

On the morning of December 9, 2016, AIP participants gathered to hear a presentation from Dr. Gordon Cleveland of the U.S. Department of Agriculture. Dr. Cleveland addressed the challenges of recovering from a release of radiation that contaminates both crops and livestock, as well as wildlife. Dr. Cleveland noted that in many instances treating the affected crops and livestock, rather than destroying and disposing of them, is by far cheaper and more efficient.

The next quarterly AIP meeting is scheduled to take place on February 10, 2016 at the Department of State Health Services in Austin.

The next five-year Agreement in Principle between the State of Texas and DOE was drafted by SECO and submitted to DOE on October 12, 2015, along with a new AIP grant application and the fiscal year 2017 Scope of Work and Budget. The documents are being reviewed for the possible inclusion of a Task IV covering Law Enforcement activities. The current Agreement in Principle expires on September 30, 2016.

If you have any questions, please contact Roger Mulder at 512/463-1866 or send an e-mail to Roger.Mulder@cpa.state.tx.us.

**BUDGETS AND EXPENDITURES
FIRST QUARTER
FIFTH YEAR 2016**

**AGREEMENT IN PRINCIPLE
GRANT DE-NA0001308
CUMULATIVE BUDGETS AND EXPENDITURES
FOR THE PERIOD**

OCTOBER 1, 2011 THROUGH DECEMBER 31, 2015

AGENCY	CUMULATIVE BUDGET	ACTUAL/PROJECTED EXPENDITURES	CUMULATIVE BALANCE
State Energy Conservation Office	\$ 1,168,219.34	\$ 933,016.22 a	\$ 235,203.12
Texas Commission on Environmental Quality	\$ 1,069,167.00	\$ 830,833.94 a \$ 14,500.00 p	\$ 223,833.06
Texas Department of State Health Services	\$ 1,364,882.86	\$ 958,039.13 a	\$ 406,843.73
Texas Department of Public Safety	\$ 888,657.19	\$ 666,914.08 a \$ 45,000.00 p	\$ 176,743.11
Carson County	\$ 568,537.94	\$ 396,303.52 a	\$ 172,234.42
Armstrong County	\$ 417,476.67	\$ 369,182.99 a	\$ 48,293.68
City of Amarillo	\$ 857,120.00	\$ 754,725.71 a	\$ 102,394.29
TOTALS	\$ 6,334,061.00	\$ 4,968,515.59	\$1,365,545.41

a = cumulative actual expenditures through 12/31/15

p = projected/obligated expenditures through 12/31/15



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



TEXAS DEPARTMENT OF STATE HEALTH SERVICES



TEXAS DEPARTMENT OF PUBLIC SAFETY



CARSON COUNTY



ARMSTRONG COUNTY



CITY OF AMARILLO

Agreement in Principle Meetings

-Task I and II Environmental Cleanup Status Meeting
November 2, 2015

- Agenda
- Sign-in Sheet
- Presentation Slides

-Task III Quarterly Meeting
December 8-9, 2015

- Agenda
- Sign-in Sheet
- Meeting Minutes
- Budget Information



www.tceq.state.tx.us

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

1ST QUARTER
FISCAL YEAR 2016
QUARTERLY REPORT

**Texas Commission on Environmental Quality
Agreement in Principle
Technical Progress Report
January 2016**

Prepared by: Guy Wilkins

A. PERIOD COVERED BY THIS REPORT:

This quarterly status report for the Agreement in Principle (AIP) outlines the task activities from October 1 thru December 31, 2015. The report was compiled by the TCEQ Region 1 Office with additional information from Kristian Livingston (Remediation), Nick Boulanger (Monitoring Operations Division).

B. REMEDIATION DIVISION ACTIVITIES

1. ACTIVITIES PERFORMED DURING REPORTING PERIOD

Task 1: Evaluate the groundwater monitoring data submitted as part of long-term monitoring to determine if selected remedies are functioning as intended and if additional measures are necessary to protect human health and the environment.

Task Activity: Reviewed the TCEQ and DOE groundwater sample results to evaluate whether additional measures were necessary. Reviewed the quarterly progress report and other submittals, as necessary.

Task 2: Participate, as resources and management allow, in DOE, Texas Commission On Environmental Quality (TCEQ), Environmental Protection Agency (EPA), Agreement-In-Principle (AIP) sponsored, and public meetings regarding long-term groundwater monitoring activities.

Task Activity: Attended AIP Task 1 & II meeting and public meeting in Panhandle, TX on November 3, 2015.

Task 3: Coordinate with TCEQ staff and other state and federal agencies (e.g., EPA, TBEG, TDHS, Texas Tech University), as appropriate, to fulfill ongoing project objectives;

Task Activity: Coordinated/discussed with US EPA regarding groundwater results evaluation and Chromium sampling with development of a background number for the Ogallala aquifer.

2. ACTIVITIES SCHEDULED FOR NEXT REPORTING PERIOD

Task 1: Evaluate the groundwater monitoring data submitted as part of long-term monitoring to determine if selected remedies are functioning as intended and if additional measures are necessary to protect human health and the environment.

Task Activity: Continue to evaluate groundwater monitoring data and progress reports, as submitted.

Task 2: Participate, as resources and management allow, in DOE, Texas Commission On Environmental Quality (TCEQ), Environmental Protection Agency (EPA),

Agreement-In-Principle (AIP) sponsored, and public meetings regarding long-term groundwater monitoring activities;

Task Activity: Continue to participate in meetings and teleconference calls as needed for the long-term groundwater monitoring activities. Attend AIP meeting in February.

Task 3: Coordinate with TCEQ staff and other state and federal agencies (e.g., EPA, TBEG, TDHS, Texas Tech University), as appropriate, to fulfill ongoing project objectives;

Task Activity: Continue to coordinate with others as needed.

C. REGIONAL AREAS – REGION 1, AMARILLO OFFICE

1. ACTIVITIES PERFORMED DURING REPORTING PERIOD

Task 1: Collect groundwater samples equal to or greater than 10% of DOE sampling as resources allow. As time and resources allow and if needed, surface water, soils, and biological parameters may be collected from DOE-Pantex;

Task Activity: Collected groundwater samples from sixteen wells on and off site with DOE/B&W Pantex. No additional parameters were sampled.

Task 2: Collect groundwater samples, as resources allow and if needed, from public drinking water systems and private wells adjacent to the DOE-Pantex Plant to determine water quality;

Task Activity: No activities during the quarter.

Task 3: Collect air samples (particulate and selected volatile organic samples), as resources allow, from selected monitoring sites associated with DOE-Pantex. Operate air samplers for organic and inorganic analysis, on-site and/or adjacent to the DOE-Pantex plant boundary;

Task Activity: Collected six (24 hr) ambient air sampling events at Sites 4 and 5. Continued to monitor for total non-methane/methane at Site 7. Three triggered events occurred during the quarter.

Task 4: Evaluate and maintain environmental data (i.e., soil, air, groundwater) collected by TCEQ Region 1 staff for exceedances of health based or regulatory levels of indicator parameter and/or constituents of concern associated with DOE-Pantex industrial activities;

Task Activity: Continued to evaluate and maintain environmental data collected by TCEQ Region 1 staff.

Task 5: Monitor, review, and provide oversight of the DOE-Pantex Plant's environmental protection and restoration activities to include soil and groundwater monitoring and remediation programs;

Task Activity: Continued monitoring and review of the DOE-Pantex Plant's environmental protection and restoration activities.

Task 6: Review and sign Solid Waste Management Units (SWMU) interference notifications; provide appropriate follow-up oversight, as resources allow;

Task Activity: One SWMU Interference Notification was received and reviewed.

Task 7: Provide administrative oversight for TCEQ Region activities for the AIP grant project, including attending AIP meetings, as necessary;

Task Activity: Attended AIP Task 1 & II meeting on November 3, 2015.

Task 8: Attend and provide technical assistance at public meetings;

Task Activity: Attended public meeting in Panhandle, TX on November 3, 2015.

Task 9: Provide, as appropriate, reports, brochures, TCEQ sample results and information for public education of environmental issues at DOE-Pantex;

Task Activity: Provided updates on activities during the public meeting on November 3, 2015.

Task 10: Attend and participate in AIP Task III meetings and exercises, as time and resources allow.

Task Activity: Attended the AIP Task III meeting on December 8, 2015.

2. ACTIVITIES SCHEDULED FOR NEXT REPORTING PERIOD

Task 1: Collect groundwater samples equal to or greater than 10% of DOE sampling as resources allow. As time and resources allow and if needed, surface water, soils, and biological parameters may be collected from DOE-Pantex;

Scheduled Task Activity: Quarterly groundwater sampling is scheduled to begin in January 2016.

Task 2: Collect groundwater samples, as resources allow and if needed, from public drinking water systems and private wells adjacent to the DOE-Pantex Plant to determine water quality;

Scheduled Task Activity: No Activities scheduled.

Task 3: Collect air samples (particulate and selected volatile organic samples), as resources allow, from selected monitoring sites associated with DOE-Pantex. Operate air samplers for organic and inorganic analysis, on-site and/or adjacent to the DOE-Pantex plant boundary;

Scheduled Task Activity: Continue to collect air sample events from Sites 4 & 5 (24 hr). Continue to monitor for total non-methane/methane at Site 7 and collect non-methane triggered sample events (1 hr).

Task 4: Evaluate and maintain environmental data (i.e., soil, air, groundwater) collected by TCEQ Region 1 staff for exceedances of health based or regulatory levels of indicator parameter and/or constituents of concern associated with DOE-Pantex industrial activities;

Scheduled Task Activity: Continue to evaluate and maintain environmental data collected by TCEQ Region 1 staff.

Task 5: Monitor, review, and provide oversight of the DOE-Pantex Plant's environmental protection and restoration activities to include soil and groundwater monitoring and remediation programs;

Scheduled Task Activity: Continue to monitor and review the DOE-Pantex Plant's environmental protection and restoration activities.

Task 6: Review and sign Solid Waste Management Units (SWMU) interference notifications; provide appropriate follow-up oversight, as resources allow;

Scheduled Task Activity: Continue to Review and sign Solid Waste Management Units (SWMU) interference notifications; provide appropriate follow-up oversight, as resources allow;

Task 7: Provide administrative oversight for TCEQ Region activities for the AIP grant project, including attending AIP meetings, as necessary;

Scheduled Task Activity: Attend AIP Tasks I & II meeting on February 10, 2016.

Task 8: Attend and provide technical assistance at public meetings;

Scheduled Task Activity: No scheduled activities.

Task 9: Provide, as appropriate, reports, brochures, TCEQ sample results and information for public education of environmental issues at DOE-Pantex;

Scheduled Task Activity: Continue to provide, as appropriate, reports, brochures, TCEQ sample results and information for public education on environmental issues at DOE-Pantex.

Task 10: Attend and participate in AIP Task III meetings and exercises, as time and resources allow.

Scheduled Task Activity: Attend AIP Task III meeting on February 11, 2016.

D. MONITORING DIVISION ACTIVITIES

1. ACTIVITIES PERFORMED DURING REPORTING PERIOD

Task 1: As resources and management allow, continue the analysis for respirable particulates and selected volatile organic compounds at the DOE-Pantex air monitoring stations for up to 60 samples including ten quality assurance samples and provide logistical support for the operation of air monitoring equipment. If resources allow, the division will also forward the same number of total suspended particulate samples on high volume filters to the Bureau of Radiation Control for radionuclide analysis;

Task Activity: All respirable particulate and volatile organic compound samples collected by the Amarillo Regional Office were analyzed. All total suspended particulate samples were forwarded to the Bureau of Radiation Control.

Task 2: As resources and management allow, compile air monitoring data and provide that data to the TCEQ Toxicology Section for assessment. Copies of the air monitoring data will be forwarded to the DOE and the State Energy Conservation Office upon written request. The analytical data will be reviewed and concentrations of concern recorded at any of the sites will be reported to the TCEQ Toxicology Section for further consideration;

Task Activity: All respirable and volatile organic analysis laboratory reports were forwarded to the Toxicology Section for review and assessment

Task 3: As resources allow, audit all air monitoring instrumentation at least annually;

Task Activity: No activity during this quarter.

Task 4: Attend public meetings in Amarillo or elsewhere in Texas as needed.

Task Activity: There were no requests to participate in public meetings during this quarter.

2. ACTIVITIES SCHEDULED FOR NEXT REPORTING PERIOD

Task 1: As resources and management allow, continue the analysis for respirable particulates and selected volatile organic compounds at the DOE-Pantex air monitoring stations for up to 60 samples including ten quality assurance samples and provide logistical support for the operation of air monitoring equipment. If resources allow, the division will also forward the same number of total suspended particulate samples on high volume filters to the Bureau of Radiation Control for radionuclide analysis;

Scheduled Task Activity: Continue with the analysis of samples.

Task 2: As resources and management allow, compile air monitoring data and provide that data to the TCEQ Toxicology Section for assessment. Copies of the air monitoring data will be forwarded to the DOE and the State Energy Conservation Office upon written request. The analytical data will be reviewed and concentrations of concern recorded at any of the sites will be reported to the TCEQ Toxicology Section for further consideration;

Scheduled Task Activity: Continue forwarding data to the Toxicology Section for review if concentrations of concern are recorded.

Task 3: As resources allow, audit all air monitoring instrumentation at least annually;

Scheduled Task Activity: Annual audits are still current.

Task 4: Attend public meetings in Amarillo or elsewhere in Texas as needed.

Scheduled Task Activity: Participate in meetings, as requested.



Texas Department of State Health Services
Radiation Control

www.dshs.state.tx.us/radiation/

1ST QUARTER
FISCAL YEAR 2016
QUARTERLY REPORT

**Department of State Health Services
Agreement in Principle
Technical Progress Report**

Period Covered by this Report:

From: October 1, 2015

To: December 31, 2015

Prepared by: Mike P. Rutherford/Art Tucker Date: January 13, 2016

Summary of Activities Performed During this Reporting Period:

TASK I: GENERAL

1. **Objective:** Provide qualified personnel for appropriate level of security clearance to conduct those activities under the Grant that require a security clearance based upon a “need-to-know.” Security clearances will be budgeted and funded with AIP funding.

Activity: Helen Watkins, DSHS Radiation Branch Manager is currently in the process of being granted a L security clearance.

2. **Objective:** Require individuals with security clearances to notify their Pantex Plant sponsor when they will be on site at Pantex, providing the date(s) and time(s).

Activity: Letter submitted to Pantex for onsite sampling trip on October 1, 2015. Sampling to be conducted on October 13, 14 and 15, 2015.

3. **Objective:** Require individuals with security clearances to be responsible for renewing their badges and keeping them current.

Activity: DSHS staff member, Chris Moore is currently in the process of renewing his Q clearance.

4. **Objective:** Provide a brief position description for personnel who are partially or fully funded with AIP funds as part of the annual scope of work. Include the roles and responsibilities for each position funded, along with the percentage of time budgeted for AIP activities.

Activity: Amendment 2 has been received and has been submitted to the DSHS contract staff for review and signature.

TASK II: ENVIRONMENTAL MONITORING

1. **Objective:** Sample any public drinking water systems/domestic wells in the vicinity of the Plant, as required. For any systems/domestic wells that are determined to be potentially affected by Plant operations, the State, in cooperation with local governments, will develop a program for increased frequency of system sampling and analysis. Analyses will include chemicals and radionuclides that are reasonably expected to be in or derived from a possible release by the Plant.

Activity: Sampled water systems for the cities of Amarillo and Panhandle.

2. **Objective:** Collect and analyze soil, water, and other appropriate environmental media from the Plant environs for selected radionuclides and/or chemicals. Samples will be

analyzed on a priority basis and results provided in a semiannual report to the PXSO and made available on the AIP website. Any samples that exceed regulatory limits will be reported to the PXSO within 24 hours of receipt of results of analysis. PXSO will schedule and arrange for the collection of confirmation sampling by the State to validate the exceedance.

Activity: Completed six soil, six vegetation, 1 sediment sample, 1 crop sample, four samples of ground water.

3. **Objective:** Monitor the site boundary with dosimeters to determine ambient gamma radiation levels.

Activity: Exchanged 12 OSL dosimeters.

4. **Objective:** Perform chemical and radiological analyses of air samples.

Activity: No activity this quarter.

5. **Objective:** Review environmental monitoring and modeling results for potential public health impacts.

Activity: Reviewed six air sample results. No limits exceeded.

6. **Objective:** Provide all verified sampling data, analysis results, and reports produced as part of the AIP environmental oversight responsibility to PXOS on a semi-annual basis. Upon completion of the PXSO review, results will be disseminated to the Pantex NNSA Public Reading Room, and be made available on the State AIP Web site.

Activity: No activity this quarter.

7. **Objective:** Prepare environmental monitoring and analysis plans and updates as appropriate, for the monitoring and analysis of chemical and radiological materials, which may be present in the environment in and around the Plant. Provide NNSA with the opportunity to review and comment on such plans prior to publication.

Activity: No activity this quarter.

8. **Objective:** Allow NNSA to take split samples, whenever possible, in all routine environmental monitoring activities.

Activity: Performed two split samples.

TASK III: EMERGENCY MANAGEMENT

1. **Objective:** When the Pantex Plant emergency management representatives brief on the changes/revisions for the Pantex Plant emergency planning documents, provide comments and consensus, as applicable. Maintain current copies of applicable Pantex Plant emergency planning documents provided to State and local governments.

Activity: Small Article checker procedure in progress. Will share with City of Amarillo EOM when completed.

2. **Objective:** Once published, provide copies of applicable State governments' emergency plans and procedures documents related to the Pantex Plant to PXS0.

Activity: No activity this quarter.
3. **Objective:** In coordination with Pantex Plant, design, schedule, conduct and evaluate periodic joint emergency exercises and drills. Maintain a three-year joint exercise and drill schedule and update it annually. Participate in such exercises and drills and provide full exercise participation at least every three years. Full exercise participation is defined as appropriate demonstration of multi-agency coordination system and incident command system response by AIP Task III members (TDEM, DPS, TDSHS, and local jurisdictions within the EPZ) to the extent required by the exercise scenario.

Activity: DSHS staff member participates and attends an emergency exercise for local fire department first responders at the reception center in Amarillo during the week of November 30 – December 2, 2015.
4. **Objective:** Require personnel whose positions are funded at least 50% by the AIP to participate and support the Pantex annual exercise unless otherwise agreed to in writing by the PXS0 Emergency Preparedness Program Manager.

Activity: No activity this quarter.
5. **Objective:** Meet as needed with NNSA and Pantex Plant emergency management staff to review and resolve emergency management issues and coordinate emergency management activities.

Activity:

 - a. Three DSHS personnel attended the quarterly AIP meeting on December 8 and 9, 2015 in Amarillo, Texas.
 - b. On October 14, 2015, DSHS personnel toured the proposed new staging area for the State of Texas Radiological Emergency Response Teams. This site location is excellent and is much better suited for the DSHS field response teams.
6. **Objective:** Participate in monthly notification, warning system, and communications testing with the Pantex Plant. In coordination with the Pantex Plant, evaluate the timeliness, accuracy and effectiveness of those activities.

Activity: In October, November and December, 2015, DSHS staff participated in notifications and communications testing activities with the Pantex site.
7. **Objective:** Request training on Pantex Plant-related hazards and response protocols for State and local governments, as needed.

Activity: No activity this quarter.
8. **Objective:** Assist in the development and dissemination of public information focused on Pantex Plant hazards, public protective actions, warning systems, and emergency preparedness information to areas surrounding the Pantex Plant. Create and publish an annual calendar each year on or before December 1st to be distributed

to the public located within the Pantex EPZ. The annual calendar will provide pertinent emergency management and protective action information related to the Plant. This calendar will be compiled, edited and published under the direction of the local AIP organizations.

Activity: No activity this quarter.

9. **Objective:** Coordinate with the Pantex Plant emergency public information program to include coordination of emergency preparedness information and inclusion of State and local governments in the operation of a Joint Information Center (JIC).

Activity: No activity this quarter.

10. **Objective:** Assist in the development and implementation of a local government operated Reception Center for receipt of displaced families and individuals from a Pantex Plant Operational Emergency.

Activity: Three iPCMs are currently in normal continuous operation in case of immediate use at the Reception Center.

11. **Objective:** Provide certification to NNSA/PXSO by October 31st of each calendar year that the local governments funded under this Grant have implemented and are fully compliant with the National Incident Management System (NIMS) in accordance with the provisions of HSPD-5 and HSPD-8, and the Secretary of Homeland Security's Letter to the Governors, dated September 8, 2004. If the required State and local government deadline to submit NIMS compliance information to the NIMS compliance Assistance Support Tool (NIMSCAST) is moved beyond September 30th provide an interim status, followed by certification once requirements have been met by the new deadline.

Activity: All DSHS employees funded under the AIP agreement are up to date on their required training.

12. **Objective:** Provide support for direction and control facilities, mobile command platforms and communication/data systems used in response to an incident at the Pantex Plant by State and local governments.

Activity: Calibrated 11 each Eberline E-600s that are used by the City of Amarillo Fire Department Bomb Squad employees.

13. **Objective:** Coordinate appropriate Memorandums of Understanding (MOU), Memorandums of Agreement (MOA), or other agreements with the Pantex Plant and local governments for emergency response assets and capabilities that may be needed to support emergency operations at the Pantex Plant.

Activity: No activity this quarter.

14. **Objective:** In the event of an Operational Emergency at the Pantex Plant, ensure a timely, clear, accurate and effective information exchange occurs between State and local governments and the Pantex Plant. This includes receiving initial briefings and ongoing information sufficient for the protection of public health, safety and

security, coordination of response, Emergency Operations Center (EOC) interfaces, public information activities, and logistical support.

Activity: No activity this quarter.

Summary of Activities Scheduled for the Next Reporting Period:

1. **Objective:** Request training on Pantex Plant-related hazards and response protocols for State and local governments, as needed.

Activity: Track and schedule NIMS ICS Classes for new DSHS Radiation Branch personnel.
Posting of one full time DSHS Radiation Branch/AIP Planner position to be re-submitted.

2. **Objective:** Provide support for direction and control facilities, mobile command platforms and communications/data systems as used in response to an incident at the Pantex Plant by state and local governments.

Activity: Continue to coordinate with local government officials in Amarillo to arrange the transfer of emergency response equipment for the Line Avenue facility to a new approved facility.

3. **Objective:** Meet as needed with NNSA and Pantex Plant emergency management staff to review and resolve emergency management issues and coordinate emergency management activities.

Activity: DSHS personnel will attend the upcoming AIP quarterly meeting.



**TEXAS DEPARTMENT OF PUBLIC SAFETY
DIVISION OF EMERGENCY MANAGEMENT**

www.txdps.state.tx.us/dem/

1ST QUARTER
FISCAL YEAR 2016
QUARTERLY REPORT

**Texas Department of Public Safety
Division of Emergency Management
Agreement In Principle
Technical Progress Report – 1st Quarter FY2016**

Date: January 20, 2016

Period Covered by this Report:

From: October 1, 2015 **To:** December 31, 2015

Prepared by: Dee Dee Waldo & Josh Bryant

Summary of Activities Performed During this Reporting Period:

TASK 1

1. Task One, Objective 1:

Provide for appropriate level of security clearance to conduct those activities under the Grant that requires a security clearance based upon a “need-to-know”. Security Clearances will be paid for with federal funding.

Activity: No activity this period.

2. Task One, Objective 2:

Personnel who obtain a security clearance are required to notify their Pantex Plant sponsor when they will be onsite, providing the date(s) and time(s).

Activity: No new activity in this period. In accordance with this policy, personnel visiting ensure to coordinate with DOE and CNS personnel

3. Task One, Objective 3:

Individuals with security clearances are responsible for renewing their badges and keeping them current.

Activity: No activity this period.

4. Task One, Objective 4:

A brief position description for State and local government personnel who are partially or fully funded with the AIP fund should be submitted as part of the annual scope of work.

Activity: As stated in the FY2015 scope of work, TDEM maintains two planner positions which are fully funded by AIP funds. Their roles and responsibilities include overseeing the AIP contract and Task I and III objectives as applicable to TDEM listed in the FY 2015 Scope of Work. 100% of time is budgeted for AIP activities. The TDEM Planner position in Amarillo is filled by Dee Dee Waldo and the TDEM Planner position in Austin is filled by Joshua Bryant.

TASK 3

1. Task Three, Objective 1:

When the Pantex Plant emergency management representatives brief on the changes/ revisions for the Pantex Plant emergency planning documents, provide comments and

consensus, as applicable. Maintain copies of applicable Pantex Plant emergency planning documents provided to State and local governments.

Activity: Pantex is currently working on revising/consolidating their emergency documents, once complete they are to brief the AIP group.

2. Task Three, Objective 2:

Once published, provide copies of applicable State emergency plans and procedures documents related to Pantex Plant to PXSO;

Activity: All state-level plans and planning guidance are reviewed and updated based on the results of the 81st Texas Legislature session in 2009 and FY2010/ FY 2011 NIMS requirements. The process includes invitations to stake-holders of each Annex. Texas State Emergency Management Plans are NIMS compliant and review of local jurisdiction annexes is on-going

TDEM Austin personnel continue to work closely with State Operations Center (SOC) staff on a revised version of Addendum D, which is the State Operations Center Standard Operating Procedure for Pantex Plant Emergencies. Due to current work to revise all of the SOC's procedures, revision and publication of an updated Addendum D will be delayed until revisions of source documents (i.e.; SOC plans and procedures to which this addendum would attach to) are completed. Initial suggested revisions have been complied and are waiting on further processing until other revisions are complete. These anticipated changes to SOC SOPs are as a result of internal organizational changes within TDEM, as well as incorporation of several federal guidance documents.

3. Task Three, Objective 3:

In coordination with Pantex Plant, design, schedule, conduct and evaluate periodic joint emergency exercises and drills. Maintain a three-year joint exercise and drill schedule and update it annually. Participate in such exercises and drills and provide full exercise participation at least every three years. Full exercise participation is defined as appropriate demonstration of multi-agency coordination system and incident command system response by AIP Task III members (TDEM, DPS, TDSHS, and local jurisdictions within the EPZ) to the extent required by the exercise scenario.

Activity: Monthly drills continue to be carried out. Amarillo Pantex Planner participates in all monthly notification drills as they are conducted and provides the results to the local jurisdictions when received from Pantex. The tests include e-mail and the communicator system. TDEM Amarillo planner currently maintains a 3 year exercise schedule for the AIP participants.

4. Task Three, Objective 4:

Require State personnel whose positions are funded at least 50% by the AIP to participate and support the Pantex annual exercise unless otherwise agreed to in writing by the PXSO Emergency Preparedness Program Manager.

Activity: No activity this quarter

5. Task Three, Objective 5:

Meet, as needed, with NNSA and Pantex Plant emergency management staff to review and resolve emergency management issues and coordinate emergency management activities.

Activity: The TDEM Amarillo Planner participated in the local AIP meetings on October 7th & November 16th. The Amarillo and Austin Pantex planners participated in the Quarterly AIP meeting in Amarillo December 8th & 9th. TDEM staff made many contacts during the quarter with local officials, state agencies, volunteer groups and DOE or Pantex personnel to provide information, answer questions and solve problems.

6. Task Three, Objective 6:

Participate in monthly notification, warning system, and communications testing with the Pantex Plant. In coordination with the Pantex Plant, evaluate the timeliness, accuracy and effectiveness of those activities.

Activity: TDEM/DPS Amarillo personnel participated in periodic /monthly communication drills. TDEM DPS Amarillo Pantex Planner receives feedback from local AIP participants and follows up on any problems noted. Drills conducted within the 1st Quarter of 2016 demonstrated effective communications and integration of NIMS, ICS, and multi-agency coordination between local AIP participants and state agencies.

7. Task Three, Objective 7:

In the event of an incident at Pantex potentially affecting the off-site population, assist the local authorities to the extent and in the manner identified in respective state and local emergency management plans and mutual aid agreements.

Activity: No new activity in this quarter.

8. Task Three, Objective 8:

Request training on Pantex Plant-related hazards and response protocols for State and local governments as needed:

Activity: TDEM arranged a presentation for the AIP group by Gordon Cleveland, Senior Staff Officer/Radiological Program Analyst, Advisory Team for Environment Food and Health, USDA APHIS VS OSIC

9. Task Three, Objective 9:

Assist local governments in reviewing and updating emergency plans and procedures related to the Pantex Plant. Provide assistance in integrating emergency plans and procedures between the Pantex Plant, State and local governments.

Activity: Access to current State planning standards and guidance, including: the Local Emergency Management planning Guide (DEM-10), Preparedness Standards for Texas Emergency Management (DEM-100) and Selected State Statutes related to Emergency Management (DEM-106) is available online at: <http://www.txdps.state.tx.us/dem/pages/downloadableforms.htm#serc> or by request to the TDEM planners.

Templates are available online
at: <http://www.txdps.state.tx.us/dem/pages/downloadableforms.htm#serc> .

Current copies of reviewed emergency management plans and procedures submitted to the State of Texas (from the planning jurisdictions within Armstrong, Carson, Potter, and Randall counties) are maintained at TDEM headquarters in Austin. Local jurisdiction emergency management plans have been reviewed and comply with State planning standards. Preparedness level designations for the counties as of the end of the quarter are as follows:

City of Amarillo/Potter County/ Randall County's current preparedness level is advanced.

Armstrong County's current preparedness profile level is intermediate.

Carson County's current preparedness profile level is advanced.

10. Task Three, Objective 10:

Review and provide comments regarding local emergency plans developed to prepare for a radiological and/or hazardous material incident at the Pantex Plant.

Activity: NIMS requirements for FY 2015 did not include any significant changes from previous years; however FEMA's NIMSCAST reporting system is not operational. Instead, the NIMS reporting tool was offered to the states by FEMA to use in the absence of NIMSCAST. All AIP jurisdictions replied to the survey and TDEM certified all were NIMS compliant for FY15 as of the end of the quarter.

In the event of new or changing personnel, support and leadership will be given to ensure continued NIMS compliance.

11. Task Three, Objective 11:

Develop and disseminate public information focused on Pantex Plant hazards, public protective actions, warning systems, and emergency preparedness information to areas surrounding the Pantex Plant. Assist local governments in creating and publishing an annual calendar each year on or before December 1st to be distributed to the public located within the Pantex EPZ. The annual calendar will provide pertinent emergency management and protective action information related to the Plant.

Activity: 2016 Pantex calendar was completed in November and sent to the City of Amarillo for printing and mailing.

12. Task Three, Objective 12:

Coordinate with the Pantex Plant an emergency public information program to include coordination of emergency preparedness information and inclusion of State and local governments in the operation of a Joint Information Center (JIC).

Activity: The procedures for establishing a JIC in the event of an incident at Pantex have been developed and will be put into place and a JIC established if the event or incident calls for such an action. In the event of an incident, TDEM would provide assistance as needed. There were no incidents this quarter.

13. Task Three, Objective 13:

Assist in the development and implementation of a local government-operated Reception Center for receipt of displaced families and individuals from a Pantex Plant Operational Emergency.

Activity: TDEM Amarillo Pantex Planner attended and assisted with a training drill at the Reception Center for AFD personnel.

14. Task Three, Objective 14:

Provide certification to NNSA/PXSO by October 31st of each calendar year that the State and local governments funded under this Grant have implemented and are fully compliant with the National Incident Management System (NIMS) in accordance with the provisions of HSPD-5 and HSPD-8, and the Secretary of Homeland Security's letter to the Governors, dated September 8, 2004. If the required State and local government deadline to submit NIMS compliance information to the NIMS compliance Assistance Support Tool (NIMSCAST) is moved beyond September 30th, provide an interim status, followed by certification once requirements have been met by the new deadline.

Activity: TDEM certified to the program director that TDEM, other Texas state agencies, and the local jurisdictions that would respond to an incident/accident at the Pantex Plant were NIMS compliant for FY2015. The next reporting date will be September 2016.

15. Task Three, Objective 16:

Provide support for direction and control facilities, mobile command platforms and communication/data systems used in response to an incident at the Pantex Plant by State and local governments.

Activity: No new activity for this period.

16. Task Three, Objective 18:

In the event of an Operational Emergency at the Pantex Plant, ensure a timely, clear, accurate and effective information exchange occurs between State and local governments and the Pantex Plant. This includes receiving initial briefings and ongoing information sufficient for the protection of public health, safety and security, coordination of response, Emergency Operations Center (EOC) interfaces, public information activities, and logistical support.

Activity: No activity for this period.

17. Task Three, Objective 20:

Coordinate and conduct radiological training for State and local government emergency response organizations as requested.

Activity: No activity for this period.



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CARSON COUNTY

1ST QUARTER
FISCAL YEAR 2016
QUARTERLY REPORT

**CARSON COUNTY
AGREEMENT IN PRINCIPLE
TECHNICAL PROGRESS REPORT**

Period Covered by this Report:

From: October 1, 2015

To: December 31, 2015

Prepared by: Brenda Vermillion

Date: January 5, 2016

1. As needed, provide qualified personnel for appropriate level of security clearance to conduct those activities under the Grant that require a security clearance based upon a “need-to-know.” Security clearances will be budgeted and funded with AIP funding.

ACTIVITY: No activity this quarter.

2. Require individuals with security clearances to notify their Pantex Plant sponsor when they will be on site at Pantex, providing the date(s) and time(s).

ACTIVITY: No activity this quarter

3. Require individuals with security clearances to be responsible for renewing their badges and keeping them current.

ACTIVITY: No activity this quarter

4. Provide a brief position description for personnel who are partially or fully funded with AIP funds as part of the annual scope of work. Include the roles and responsibilities for each position funded, along with the percentage of time budgeted for AIP activities.

ACTIVITY: This information has been provided in the scope of work.

5. When the Pantex Plant emergency management representatives brief on the changes/revisions for the Pantex Plant emergency planning documents, provide comments and consensus, as applicable. Maintain current copies of applicable Pantex Plant emergency planning documents provided to State and local governments.

ACTIVITY: Currently, some documents are have been sent by e-mail thru zip file. There is still discussing the process for the files that need to be sent to offsite responders.

6. Once published, provide copies of applicable local governments’ emergency plans and procedures documents related to the Pantex Plant to the Pantex Site Office (PXSO);

ACTIVITY: No Activity this quarter.

7. In coordination with Pantex Plant, design, schedule, conduct and evaluate periodic joint emergency exercises and drills. Maintain a three-year joint exercise and drill schedule and update it annually. Participate in such exercises and drills and provide full exercise participation at least every three years. Full exercise participation is defined as appropriate demonstration of multi-agency coordination system and incident command system response by AIP Task III members (TDEM, DPS, TDSHS, and local jurisdictions within the EPZ) to the extent required by the exercise scenario.

ACTIVITY: Carson County has submitted a three year plan for the county and will participate in upcoming drills and exercises with Pantex Plant.

8. Require personnel whose positions are funded at least 50% by the AIP to participate and support the Pantex annual exercise unless otherwise agreed to in writing by the PXSO Emergency Preparedness Program Manager.

ACTIVITY: Carson County will participate in the all exercise with Pantex Plant.

9. Meet, as needed, with NNSA and Pantex Plant emergency management staff to review and resolve emergency management issues and coordinate emergency management activities.

ACTIVITY: County Judge and EMC have attended all local AIP meeting and planning meeting. EMC and Judge have attended the Quarterly AIP meeting.

10. Participate in monthly notification, warning system, and communications testing with the Pantex Plant. In coordination with the Pantex Plant, evaluate the timeliness, accuracy and effectiveness of those activities.

ACTIVITY: Carson County Judge, EMC and Sheriff have participated in the monthly notification test. Carson County EMC has participated in the e-mail test and pagers. We now have an e-mail address for Carson County Dispatch (24-hour information) that will be able to receive Form 2247.

11. Request training on Pantex Plant-related hazards and response protocols for local responders, as needed.

ACTIVITY: Held meeting to discuss training for Fire Departments, EMS and local Law Enforcement. During the discussion a suggestion for dispatchers from Pantex and local offsite dispatchers have a meeting to understand each one's protocol to send requested resources.

12. Develop and disseminate public information focused on Pantex Plant hazards, public protective actions, warning systems, and emergency preparedness information to areas surrounding the Pantex Plant. Assist in creating and publishing an annual calendar each year on or before December 1st to be distributed to the public located within the Pantex EPZ. The annual calendar will provide pertinent emergency management and protective action information related to the Plant. This calendar will be compiled, edited and published under the direction of the local AIP organizations.

ACTIVITY: Calendar have been printed and will be delivered.

13. Coordinate with the Pantex Plant an emergency public information program to include coordination of emergency preparedness information and inclusion of State and local governments in the operation of a Joint Information Center (JIC).

ACTIVITY: No Activity this quarter for Carson County.

14. Assist in the development and implementation of a local government-operated Reception Center for receipt of displaced families and individuals from a Pantex Plant Operational Emergency.

ACTIVITY: No activity this quarter

15. Provide certification to NNSA/PXSO by October 31st of each calendar year that Carson County has implemented and is fully compliant with the National Incident Management System (NIMS) in accordance with the provisions of HSPD-5 and HSPD-8, and the Secretary of Homeland Security's Letter to the Governors, dated September 8, 2004. If the required State and local government deadline to submit NIMS compliance information to the NIMS Compliance Assistance Support Tool (NIMSCAST) is moved beyond September 30th provide an interim status, followed by certification once requirements have been met by the new deadline.

ACTIVITY: Carson County is NIMS compliant for 2015.

16. Provide support for establishment and maintenance of public warning systems in the Pantex Plant 10-mile EPZ. This will include coordination of testing and activation protocols with local governments, the Pantex Plant and the National Oceanic and Atmospheric Administration, National Weather Service.

ACTIVITY: The warning sirens located at I-40 rest area and Webb Bragg is tested monthly by Pantex and Carson County has started testing the sirens. Carson County has added each zone in the EPZ to CodeRED Emergency Notification System.

17. Provide support for direction and control facilities, mobile command platforms and communication/data systems used in response to an incident at the Pantex Plant by State and local governments.

ACTIVITY: The AG Barn has been remodeled and is current available for any exercises.

18. Coordinate appropriate Memorandums of Understanding (MOU), Memorandums of Agreement (MOA), or other agreements with the Pantex Plant and local governments for emergency response assets and capabilities that may be needed to support emergency operations at the Pantex Plant.

ACTIVITY: The MOU and Siren Agreement have been approved in Carson County Commissioners Court and awaiting signatures from Pantex/DOE officials. However there is discussion on the Sire Agreement that has been approved and will try to re-submit a new siren agreement.

19. In the event of an Operational Emergency at the Pantex Plant, ensure a timely, clear, accurate and effective information exchange occurs between State and local governments and the Pantex Plant. This includes receiving initial briefings and ongoing information sufficient for the protection of public health, safety and security, coordination of response, Emergency Operations Center (EOC) interfaces, public information activities, and logistical support.

ACTIVITY: No activity this quarter.

20. **OTHER ACTIVITIES:**

October-

- Local AIP meeting
- Calendar meeting

- Scheduled Flu Shots for county employees
- Tabletop exercise with City of White Deer
- Enterprise Planning Meeting for a Tabletop Exercise
- Enterprise Tabletop exercise
- Training for Dispatchers & Courthouse Employees
- Updating Safety Policy for Courthouse
- Updating MSDS for Courthouse

November

- Meeting with Panhandle ISD to start working on their school plans
- TASK 1 & 11 meeting
- Regional EM Meeting
- AIP monthly meeting
- Safety Meeting
- Panhandle ISD students tour EOC and participate in a mock drill
- EOC activated for Tornado Watches
- EOC activated for snow & ice storm over Thanksgiving Holiday

December

- AIP Monthly meeting
- G 191 Class held in Panhandle at War Memorial Building-Brad Britten taught class had 31 students
- Planning Meeting-phone conference call- with TDEM over the Emergency Plans
- EOC activated for Blizzard in area. EMC at EOC from Saturday-Monday
- Meeting with Pantex to discuss training with Fire Depts., EMS, & Law Enforcement.

21. UPCOMING EVENTS:

- Updating Shelter in each city.
- MOU siren agreement
- CodeRED training
- AIP meeting Local
- Meeting with TAC- Risk Manager Director-Jack Coffee
- Animal Disaster Board Meeting
- Updating Annex C, D, & E
- EMAT Conference
- Quarterly AIP meeting in Austin
- Fire Weather Watch Meeting
- Storm Spotter Training
- LEPC meeting
- TEEX –HazMat 100 Awareness Training
- TEEX HazMat 200 Operations Training



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ARMSTRONG COUNTY

1ST QUARTER
FISCAL YEAR 2016
QUARTERLY REPORT

**ARMSTRONG COUNTY
AGREEMENT IN PRINCIPLE
TECHNICAL PROGRESS REPORT**

Period Covered by this Report:

From: October 1, 2015 **To:** December 31, 2015
Prepared by: Craig Thomas **Date:** January 12, 2016

Summary of Activities Performed During this Reporting Period:

1. **Objective:** When the Pantex Plant emergency management representatives brief on the changes/revisions for the Pantex Plant emergency planning documents, provide comments and consensus, as applicable. Maintain current copies of applicable Pantex Plant emergency planning documents provided to State and local governments.

Activity: No changes this quarter.
2. **Objective:** Once published, provide copies of applicable local governments' emergency plans and procedures documents related to the Pantex Plant to the Pantex Site Office (PXSO).

Activity: No changes this quarter.
3. **Objective:** In coordination with Pantex plant, design, schedule conduct and evaluate periodic joint emergency exercises and drills. Maintain a three-year joint exercise and drill schedule and update it annually. Participate in such exercises and drills and provide full exercise participation at least every three years. Full exercise participation is defined as appropriate demonstration of multi-agency coordination system and incident command system response by AIP Task III members (TDEM, DPS, TDSHS, and local jurisdictions within the EPZ) to the extent required by the exercise scenario.

Activity: Armstrong County EMC participated in notification drills from CNS/Pantex.
4. **Objective:** Require personnel whose positions are funded at least 50% by the AIP to participate and support the Pantex annual exercise unless otherwise agreed to in writing by the PXSO Emergency Preparedness Program Manager.

Activity: EMC will participate in the exercises and drills conducted by CNS/Pantex and DOE.
5. **Objective:** Meet, as needed with NNSA and Pantex Plant emergency management staff to review and resolve emergency management issues and coordinate emergency management activities.

Activity: EMC has attended all local AIP meetings and the quarterly meeting held in Panhandle and DPS in Amarillo.
6. **Objective:** Participate in monthly notification, warning system, and communications testing with the Pantex Plant. In coordination with the Pantex Plant, evaluate

the timeliness, accuracy and effectiveness of those activities.

Activity: EMC has received and responded to all notification exercises from CNS/Pantex.

7. **Objective:** Request training on Pantex Plant-related hazards and response protocols for local responders, as needed.

Activity: No training was requested this quarter. However, I will work with our local fire departments to incorporate training with Pantex and DSHS over this next year.

8. **Objective:** Develop and disseminate public information focused on Pantex Plant hazards, public protective actions, warning systems, and emergency preparedness information to areas surrounding the Pantex Plant. Assist in creating and publishing an annual calendar each year on or before December 1st to be distributed to the public located within the Pantex EPZ. The annual calendar will provide pertinent emergency management and protective action information related to the Plant. This calendar will be compiled, edited, and published under the direction of the local AIP organizations.

Activity: Pantex calendars have been distributed to the residents in the Washburn EPZ and elsewhere around the county. EMC meet with Betty Slater, of YP, to discuss making changes and improvements to the Pantex Yellowpages ad. At this time, the current ad will remain in place.

9. **Objective:** Coordinate with the Pantex Plant an emergency public information program to include coordination of emergency preparedness information and inclusion of State and local governments in the operation of a Joint Information Center (JIC).

Activity: No activity with the JIC this quarter.

10. **Objective:** Assist in the development and implementation of a local government-operated Reception Center for receipt of displaced families and individuals from a Pantex Plant Operational Emergency.

Activity: No activity with the Reception Center this quarter.

11. **Objective:** Provide certification to NNSA/PXSO by October 31st of each calendar year that Armstrong County has implemented and is fully compliant with the National Incident Management System (NIMS) in accordance with the provisions of HSPD-5 and HSPD-8, and the Secretary of Homeland Security's Letter to the Governors, dated September 8, 2004. If the required State and local government deadline to submit NIMS compliance information to the NIMS Compliance Assistance Support Tool (NIMSCAST) is moved beyond September 30th provide an interim status, followed by certification once requirements have been met by the new deadline.

Activity: EMC attended the G191 EOC/ICS Interface course held in Carson County. Armstrong County is NIMS compliant.

12. **Objective:** Provide support for establishment and maintenance of public warning systems

in the Pantex Plant 10-mile EPZ. This will include coordination of testing and activation protocols with local governments, the Pantex Plant and the National Oceanic and Atmospheric Administration, National Weather Service.

Activity: The Washburn OWS is functioning properly.

13. **Objective:** Provide support for direction and control facilities, mobile command platforms and communication/data systems used in response to an incident at the Pantex Plant by State and local governments.

Activity: No activity this quarter.

14. **Objective:** Coordinate appropriate Memorandums of Understanding (MOU), Memorandums of Agreement (MOA), or other agreements with the Pantex Plant and local governments for emergency response assets and capabilities that may be needed to support emergency operations at the Pantex Plant.

Activity: The MOU with the DOE has been signed and is on file. The siren agreement with CNS/Pantex is being looked at again

15. **Objective:** In the event of an Operational Emergency at the Pantex Plant, ensure a timely, clear, accurate and effective information exchange occurs between State and local governments and the Pantex Plant. This includes receiving initial briefings and ongoing information sufficient for the protection of public health, safety and security, coordination of response, Emergency Operations Center (EOC) interfaces, public information activities, and logistical support.

Activity: No activity this quarter.

16. **Other:**

10/1/15	EMC and Armstrong Fire Departments participated in the CHS Homecoming Bon Fire.
10/6/15	EMC and Armstrong Fire Departments worked a 1-vehicle accident west of Claude with 10 family members involved. No injuries from the incident, but EMC and Fire Chief transported them to the local hotel.
10/7/15	EMC attended the local AIP meeting at the Carson County EOC. Afterwards, we had a calendar meeting.
10/20/15	EMC attended fire training at Washburn VFD.
11/1/15	EMC and Armstrong Fire Departments searched around the City of Claude and surrounding area for a report of an explosion sound. Nothing was found.
11/3/15	EMC and Armstrong Fire Departments responded to a combine fire south of Washburn. Afterwards, EMC attended a Regional Emergency Managers meeting at Lake Tangelwood.
11/10/15	EMC meet with YP sales representative, Betty Slater, to discuss the

	Pantex Yellowpages ad.
11/13/15	EMC attended the 911 Regional Advisory Committee meeting at PRPC in Amarillo.
11/16/15	EMC attended local AIP meeting at DPS in Amarillo. That evening severe storms moved into Armstrong County. The EOC was activated for a tornado threat near Goodnight.
11/25-26/15	EMC participated in several conference calls with the NWS about an upcoming ice storm during the Thanksgiving holidays.
12/3/15	EMC meet with other AIP participants in White Deer. EMC and Armstrong Fire, along with TFS, Randall County Fire and Lake Tanglewood Fire, worked to extinguish a large grass fire at County Road 1 and Hotel Road.
12/8/15	EMC attended the quarterly AIP meeting held at DPS Amarillo.
12/9/15	EMC attended a presentation by Gordon Cleveland with the USDA held at DPS Amarillo.
12/18/15	EMC attended the G191 class held in Carson County.
12/24/15	EMC and Armstrong Fire Departments responded to 3 accidents, before blizzard conditions set in.
12/26-28/15	EOC was activated for Blizzard operations in Armstrong County. Weather conditions began to worsen Saturday night into Sunday morning. By Sunday evening, Judge Reed called DPS Captain Lite to request the closure of US Highway 287 between Amarillo and Childress. Armstrong County SO, local DPS, and EMC began to divert motorists off the road and to shelters that were set up in the City of Claude. An estimated total of 150 people were housed in a shelter till Monday morning. The highways were reopened at 10 am on Monday morning.
12/29/15	EMC updated his HSPD12 badge at CNS/Pantex.
12/30/15	EMC and Brenda Vermillion meet with Maribel Martinez to discuss training availability for our local first responders.

AMARILLO/POTTER/RANDALL
OFFICE OF EMERGENCY MANAGEMENT



OEM

<http://oem.amarillo.gov/>

1ST QUARTER
FISCAL YEAR 2016
QUARTERLY REPORT

Agreement in Principle (AIP)
between the
U.S. Department of Energy, National Nuclear Security Administration, Pantex Site Office
and the State of Texas

City of Amarillo/Potter County
Technical Progress Report

Period Covered by this Report:

From: *October 1, 2015* **To:** *December 31, 2015*

Prepared by: *Brad Britten* **Date:** *January 25, 2016*

Task One: General

1. Provide qualified personnel for appropriate level of security clearance to conduct those activities under the Grant that require a security clearance based upon a “need to know.” Security clearances will be budgeted and funded with AIP funding.

A point of contact for security clearances coordination has been established for each jurisdiction. The Amarillo/Potter/Randall Office of Emergency Management POC is Mr. Kevin Starbuck, CEM.

2. Require individuals with security clearances to notify their Pantex Plant sponsor when they will be on site at Pantex, providing the date(s) and time(s).

No activity this quarter.

3. Require individuals with security clearances to be responsible for renewing their badges and keeping them current.

No activity this quarter.

4. Provide a brief position description for personnel who are partially or fully funded with AIP funds as part of the annual scope of work. Include the roles and responsibilities for each position funded, along with the percentage of time budgeted for AIP activities.

Included in the annual scope of work. Note that the City of Amarillo Communications Technician (50% AIP) position has been vacant since August 28, 2015.

Task Three: Emergency Management

1. When the Pantex Plant emergency management representatives brief on the changes/revisions for the Pantex Plant emergency planning documents, provide comments and consensus, as applicable. Maintain current copies of applicable Pantex Plant emergency planning documents provided to State and local governments.

No activity this quarter.

5. Once published, provide copies of applicable local governments’ emergency plans and procedures documents related to the Pantex Plant to the PXSO.

No activity this quarter.

6. In coordination with Pantex Plant, design, schedule, conduct and evaluate periodic joint emergency exercises and drills. Maintain a three-year joint exercise and drill schedule and update it annually. Participate in such exercises and drills and provide full exercise participation at least every three years. Full exercise participation is defined as appropriate demonstration of multi-agency coordination system and incident command system response by AIP Task III members (TDEM, DPS, TDSHS, and local jurisdictions within the EPZ) to the extent required by the exercise scenario.

Planning activities occurred in preparation of the December 2015 Reception Center drill.

11/09/15 OEM staff participated in an Initial Planning Meeting for the December 2015 internal City of Amarillo Pantex Reception Center Drill at the Amarillo EOC.

11/16/15 Technical Hazards Coordinator provided walk thru of the Reception Center to members of the Amarillo Police Department and City of Amarillo Streets Department in preparation for the December 2015 internal City of Amarillo Pantex Reception Center Drill.

11/24/15 Technical Hazards Coordinator provided walk thru of the Reception Center to members of the Amarillo Fire Department in preparation for the December 2015 internal City of Amarillo Pantex Reception Center Drill.

11/30/15 OEM staff participated in a final Planning Meeting for the December 2015 internal City of Amarillo Pantex Reception Center Drill at the Amarillo EOC.

12/01/15 OEM supported the December 2015 Pantex Reception Center Drill. EMC, Assistant EMC, Technical Hazards Coordinator, OEM Project Coordinator, and OEM Administrative Assistant participated in the facilitation of the drill. All activities were conducted at the Tri-State Fairgrounds. DSHS was on-site to provide guidance on new equipment tool checker monitor at the Reception Center.

7. Require personnel whose positions are funded at least 50% by the AIP to participate and support the Pantex annual exercise unless otherwise agreed to in writing by the PXSO Emergency Preparedness Program Manager.

OEM staff attended all related meetings and activities.

The Siren Tech (50%) performed various maintenance and repair activities.

8. Meet as needed with NNSA and Pantex Plant emergency management staff to review and resolve emergency management issues and coordinate emergency management activities.

10/07/15 Technical Hazards Coordinator participated in the Local Task III AIP Meeting in Panhandle.

10/12/15 OEM supported CNS Pantex conducting a teambuilding exercise by giving tours of the Reception Center and the Amarillo EOC.

- 10/14/15 Technical Hazards Coordinator met with DSHS and gave tour of Randall County Fire Station 1.*
 - 11/16/15 Technical Hazards Coordinator participated in the Local Task III AIP Meeting at DPS Amarillo.*
 - 12/03/15 Technical Hazards Coordinator met with local members of the AIP Group in Amarillo.*
 - 12/07/15 Technical Hazards Coordinator gave tour of the Randall County Fire Station 1 to members of DSHS while here for Quarterly AIP Task III Meeting.*
 - 12/08/15 Technical Hazards Coordinator participated in the Quarterly AIP Meeting at DPS Amarillo.*
 - 12/09/15 Technical Hazards Coordinator participated in the Quarterly AIP Meeting at DPS Amarillo.*
9. Participate in monthly notification, warning system, and communications testing with the Pantex Plant. In coordination with the Pantex Plant, evaluate the timeliness, accuracy and effectiveness of those activities.
- 10/01/15 OEM & AECC acknowledged receipt of the Pantex Plant Operations Center e-mail notification test.*
 - 10/26/15 OEM acknowledged a Pantex Communicator test.*
 - 11/25/15 OEM & AECC acknowledged receipt of the Pantex Plant Operations Center e-mail notification test.*
 - 12/18/15 OEM & AECC responded to an e-mail notification of a drill from the Pantex Operations Center.*
 - 12/26/15 OEM & AECC responded to an e-mail notification of a drill from the Pantex Operations Center.*
 - 12/29/15 OEM & AECC acknowledged receipt of the Pantex Plant Operations Center e-mail notification test.*
10. Request training on Pantex-related hazards and response protocols for local responders, as needed.
- 12/18/15 Technical Hazards Coordinator instructed G-191, Incident Command System (ICS) – Emergency Operating Center (EOC) Interface, at the Carson County War Memorial Building in Panhandle. This class was instructed at the request of Carson County OEM and members of the Pantex Emergency Management Department, Pantex Fire Department, and Pantex Security Force were in attendance.*
11. Develop and disseminate public information focused on Pantex Plant hazards, public protective actions, warning systems, and emergency preparedness information to areas surrounding the Pantex Plant. Assist in creating and publishing an annual calendar each year

on or before December 1st to be distributed to the public located within the Pantex EPZ. The annual calendar will provide pertinent emergency management and protective action information related to the Plant. This calendar will be compiled, edited and published under the direction of the local AIP organizations.

- 10/07/15 Technical Hazards Coordinator participated in Pantex calendar planning meeting in White Deer.*
- 11/30/15 Technical Hazards Coordinator and OEM Administrative Assistant coordinated with Zip Print in Amarillo to review the draft calendar and placed the order for 1500 calendars.*
- 12/16/15 Technical Hazards Coordinator and OEM Administrative Assistant met with Amarillo College East Campus Housing staff and Highland Park Village housing staff to determine better ways to facilitate calendar delivery to those housing areas.*
- 12/16/15 Pantex Calendars were delivered to Amarillo OEM from Zip Print. Calendars will be sent pending receipt of updated addresses from Potter-Randall 9-1-1 and the Panhandle Regional Planning Commission.*

12. Coordinate with the Pantex Plant an emergency public information program to include coordination of emergency preparedness information and inclusion of State and local governments in the operation of a Joint Information Center (JIC).

No activity this quarter.

13. Assist in the development and implementation of a local government-operated Reception Center for receipt of displaced families and individuals from a Pantex Plant Operational Emergency.

The Reception Center is checked monthly for any issues.

14. Provide certification to NNSA/PXSO by October 31st of each calendar year that the City of Amarillo has implemented and is fully compliant with the National Incident Management System (NIMS) in accordance with the provisions of HSPD-5 and HSPD-8, and the Secretary of Homeland Security's Letter to the Governors dated September 8, 2004. If the required State and local government deadline to submit NIMS compliance information to the NIMS Compliance Assistance Support Tool (NIMSCAST) is moved beyond September 30th provide an interim status, followed by certification once requirements have been met by the new deadline.

This jurisdiction is NIMS compliant. A letter from TDEM stating NIMS compliancy is on file with SECO.

15. Provide support for establishment and maintenance of public warning systems in the Pantex Plant 10-mile EPZ. This will include coordination of testing and activation protocols with local governments, the Pantex Plant and the National Oceanic and Atmospheric Administration, National Weather Service.

During this quarter a "quiet test" of the siren system was performed each Friday and a full 90 second test was performed on the last Friday of each month.

16. Provide support for direction and control facilities, mobile command platforms and communication/data systems used in response to an incident at the Pantex Plant by State and local governments.

Maintenance and updates were done according to the normal schedule.

14. Coordinate appropriate Memorandums of Understanding (MOU), Memorandums of Agreement (MOA), or other agreements with the Pantex Plant and local governments for emergency response assets and capabilities that may be needed to support emergency operations at the Pantex Plant.

MOU's with the Pantex Plant (DOE) are out of date. Amarillo/Potter/Randall Office of Emergency Management submitted draft MOUs to the DOE for consideration on August 31, 2015.

15. In the event of an Operational Emergency at the Pantex Plant, ensure a timely, clear, accurate, and effective information exchange occurs between the State and local governments and the Pantex Plant. This includes receiving initial briefings and ongoing information sufficient for the protection of public health, safety and security, coordination of response, Emergency Operations Center (EOC) interfaces, public information activities, and logistical support.

No activity this quarter.

16. Other:

No activity this quarter.

NOVEMBER 2, 2015
TASK II MEETING
&
PANTEX LONG-TERM STEWARDSHIP
PUBLIC MEETING

- ☐ Agenda ☐
 - ☐ Sign In Sheets ☐
 - ☐ Presentation Slides ☐
-

DECEMBER 8, 2015
AGREEMENT IN PRINCIPLE
QUARTERLY STATUS MEETING

- ☐ Agenda ☐
 - ☐ Sign In Sheets ☐
 - ☐ Meeting Minutes ☐
 - ☐ Budget Information ☐
-



AGREEMENT IN PRINCIPLE
 BETWEEN
 THE STATE OF TEXAS
 &
 THE U.S. DEPARTMENT OF ENERGY
 NATIONAL NUCLEAR SECURITY ADMINISTRATION
 PANTEX SITE OFFICE



TASK II MEETING
 CARSON COUNTY
 EOC
 MONDAY, NOVEMBER 2, 2015
 AGENDA

1:00	<p>Introductions</p> <p>DOE Headquarters Update Pantex Plant Management & Operating Contract Update Funding FY 2016-17 Pantex Mission (Current/Future workload and Projects) High Explosives New Building Wind Farm Cost and Savings Update Super Fund Delisting Initiatives</p> <p>CNS Pantex Update Personnel Changes Strike Impacts If Any Groundwater Remedial Actions Soil Vapor Extraction (Burning Ground) Permit Renewals for Discharge & Irrigation Sampling Results</p> <p>EPA Update</p> <p>TCEQ Headquarters Update</p> <p>TCEQ Region Update</p> <p>DSHS Sampling Update</p> <p>SECO Update 2016-2017 Financial Budgets Next Five Year Agreement</p>	<p>Roger Mulder, SECO Craig Snider, NPO</p> <p>Craig Snider , PXSO</p> <p>Tony Biggs</p> <p>Camille Hueni, EPA</p> <p>Kristian Livingston</p> <p>Guy Wikins</p> <p>Art Tucker, DSHS</p> <p>Denise Brooks, SECO</p>
3:15	Adjourn	
4:00	Pantex Long-Term Stewardship Public Meeting @ Square House Museum in Pandhandle	

DATE	UPCOMING EVENTS
December 8-9, 2015	<u>Task III Meeting, Amarillo</u>
April 5-8, 2016	<u>2016 Texas Emergency Management Conference, San Antonio</u>

QUARTERLY STATUS MEETING
 TASK II
 CARSON COUNTY LAW ENFORCEMENT CENTER
 201 U.S. HIGHWAY 60
 PANHANDLE, TX 79068
 MONDAY, NOVEMBER 2, 2015

	NAME	Organization	Phone #	E-mail
1.	Andrea Walker	TCEQ	325-481-8059	andrea.walker@tceq.texas.gov
2.	Sharow Childers	TCEQ	806-468-0503	sharow.childers@tceq.texas.gov
3.	Kristy Livingston	TCEQ	512-239-2252	Kristan.Livingston@tceq.texas.gov
4.				
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QUARTERLY STATUS MEETING
 TASK II
 CARSON COUNTY LAW ENFORCEMENT CENTER
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 MONDAY, NOVEMBER 2, 2015

	NAME	Organization	Phone #	E-mail
1.	Tony Biggs	CNS	806 477 3203	tbiggs@panhandle.com
2.	PAI GRATHAM	TCEQ - REG I	806-468-0534	PAI.GRATHAM@TCEQ.TEXAS.GOV
3.	Guy Wilkins	TCEQ - R1	(806) 468-0516	guy.wilkins@tceq.texas.gov
4.	Jack Zanger	NWAA - NPO	(806) 477-3638	Jack.Zanger@NPO.DOE.gov
5.	Camille Huen	US EPA Ag	(214) 665-2231	lueni.camille@epa.gov
6.	Brad Britten	Amarillo/Potter/Randall OEM	806-683-9881	brad.britten@amarillo.gov
7.	Brenda Vermillion	Carson Co. EMC	806-531-5345	carsonemc@co.carson.tx.us
8.	Denise Brocks	SECO	972-575-8596	denise.brocks@cpa.texas.gov
9.	Roger Mulder	SFCO	512 463 1866	Roger.Mulder@cpa.texas.gov
10.				
11.				
12.				



Long Term Stewardship Public Meeting

Tony Biggs

Manager of Environmental Programs
Consolidated Nuclear Security, LLC

11-2-2015 Mtg

Environmental Cleanup Progress

Reporting completed since July 2013

- Quarterly Progress Reports (3rd Quarter 2013 – 2nd Quarter 2014)
 - Quarterly Progress Reports provide a snapshot of operation of groundwater systems, effectiveness of treatment, and summary of unexpected monitoring conditions

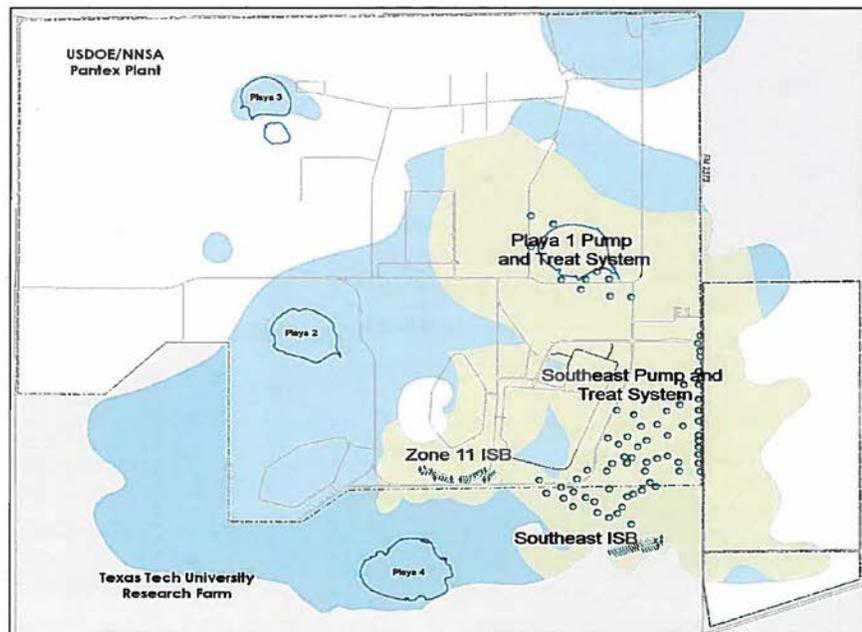
- 2013 Annual Report

Five-Year Review Recommendations

- Progress and plans
- Reports can be found at [www.pantex.com/mission/Pages/ Environmental-Cleanup-Documents.aspx](http://www.pantex.com/mission/Pages/Environmental-Cleanup-Documents.aspx)

Groundwater Remedial Actions

-  Extent of Perched
-  Extent of Contamination



Groundwater Remedial Action Objectives

Pump and Treat Systems designed to remove water

- Removes head that pushes contaminated water to edges of perched and toward the Ogallala Aquifer

Pump and Treat Systems and ISB systems designed to remove contaminants from perched groundwater

- Removes contamination that could potentially move offsite or down to the Ogallala Aquifer

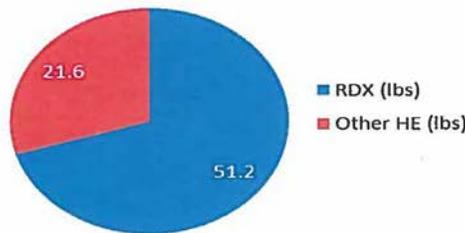
Playa 1 Pump & Treat

- 10 Extractions Wells; no Injection Wells
- Operation began in September 2008
- All treated water used beneficially via subsurface irrigation system
- Design for the Playa 1 Upgrade (EW-81 tie-in) due in November – construction anticipated in 2015

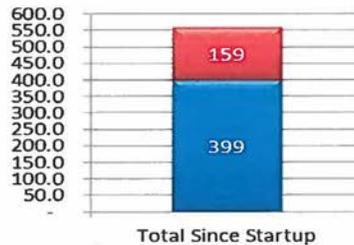


GAC vessels that remove HEs

Playa 1 Pump & Treat Progress



Total Mass Removal FY14: 73 lbs



Total Since Startup

Treated 101 Million Gallons from July 2013 – June 2014

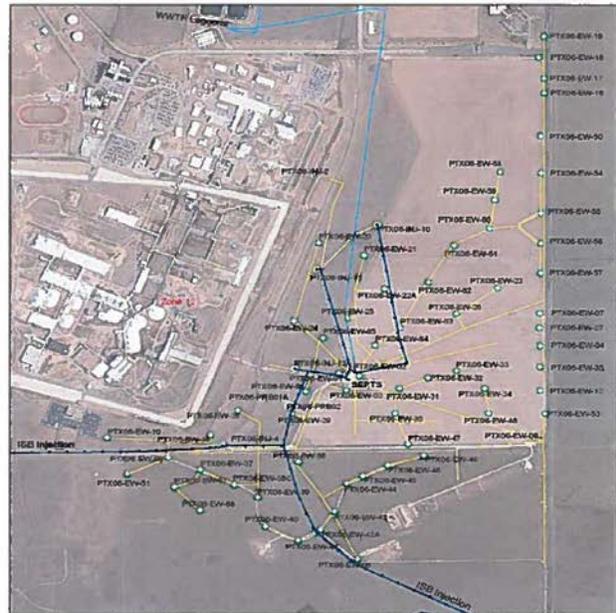
566 Million Gallons of perched groundwater treated and beneficially used through September 2014

Water levels decreasing by about 1 foot per year near Playa 1



Southeast Pump & Treat

- 61 Active Extraction Wells
- 3 Injection Wells available if needed
- Water used beneficially through subsurface irrigation system
- Operated since 1995
- New upgrades starting October 2014

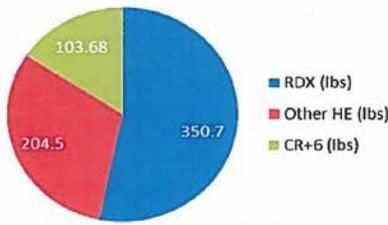


Southeast Pump & Treat

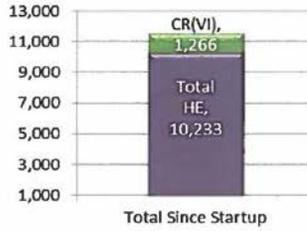
- Upgrade Project began in October
- Goals are to:
 - Improve system operations and maintenance
 - Remove production bottlenecks
 - Add system capacity
 - Create system redundancy



Southeast Pump & Treat Progress



Total Mass Removal FY14: 659 lbs



Treated
131 Million Gallons
from July 2013 –
June 2014

1.42 billion gallons of perched groundwater treated through September 2014

671 million gallons of treated water beneficially used (since 2005)

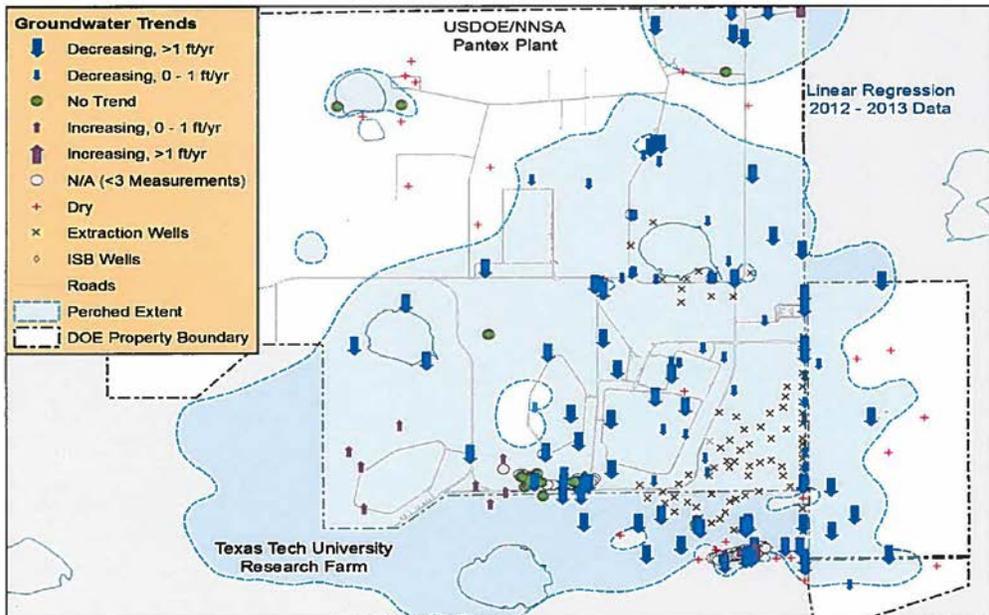
Water levels declining at about 1 foot per year near system



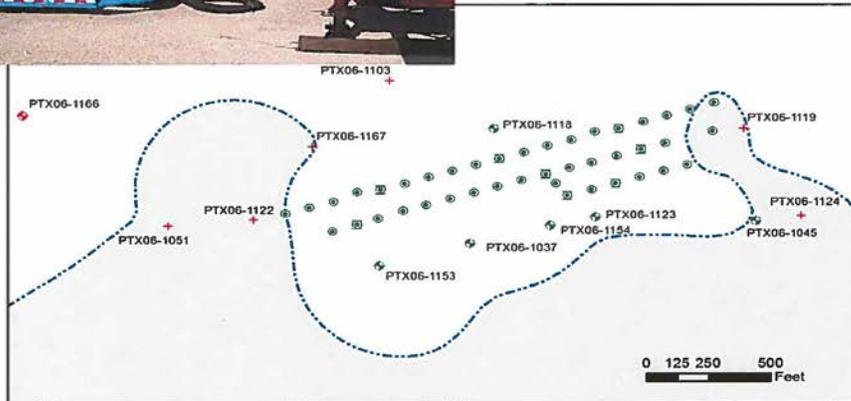
Groundwater Remedial Action Objectives

Water levels declining

Over 1.3 Billion Gallons of Water Treated and Beneficially Used from the Perched Aquifer



SE In-Situ Bioremediation Project



- ISB Performance Monitoring Well
- Estimated Perched Aquifer Extent
- ISB Injection Well
- Sampled ISB Injection Well
- Active Perched Aquifer Monitor Well
- Dry Perched Aquifer Monitor Well

System Treats:

- High Explosives
- Hexavalent Chromium

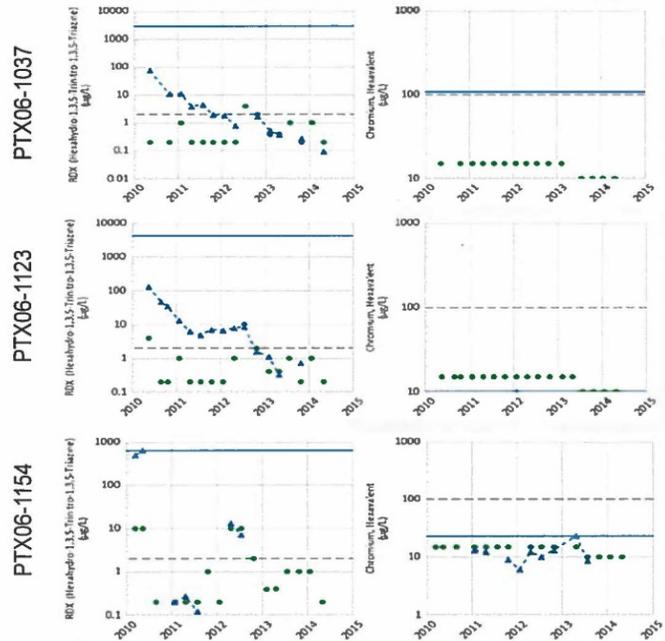
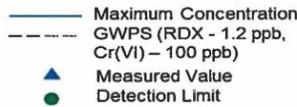
SE ISB Project (cont'd)

Events

- 42 injection wells were installed in 2007
- 1st injection completed March 2008
- 2nd injection completed April 2010
- 3rd injection completed May 2012
- 4th injection completed September 2013
- 5th Injection *scheduled* to begin January 2015

SE ISB System Progress

- Effectively reducing contamination below GWPS in closest downgradient wells



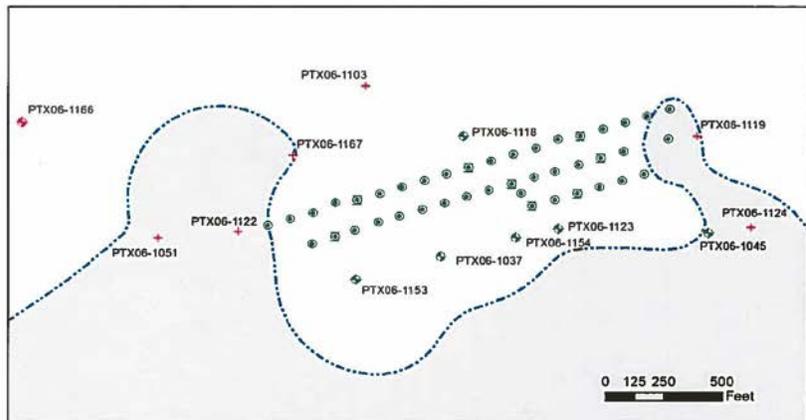
SE ISB System Progress

Actions Taken:

- Installed 2 upgradient wells – one dry, one not contributing contamination to PTX06-1153
- Injected amendment into nearby dry treatment zone wells

Future Actions:

- Evaluate dry area to the west of PTX06-1153
- Continue to monitor effects of injection



Zone 11 In-Situ Bioremediation System

System treats:

- Perchlorate
- TCE

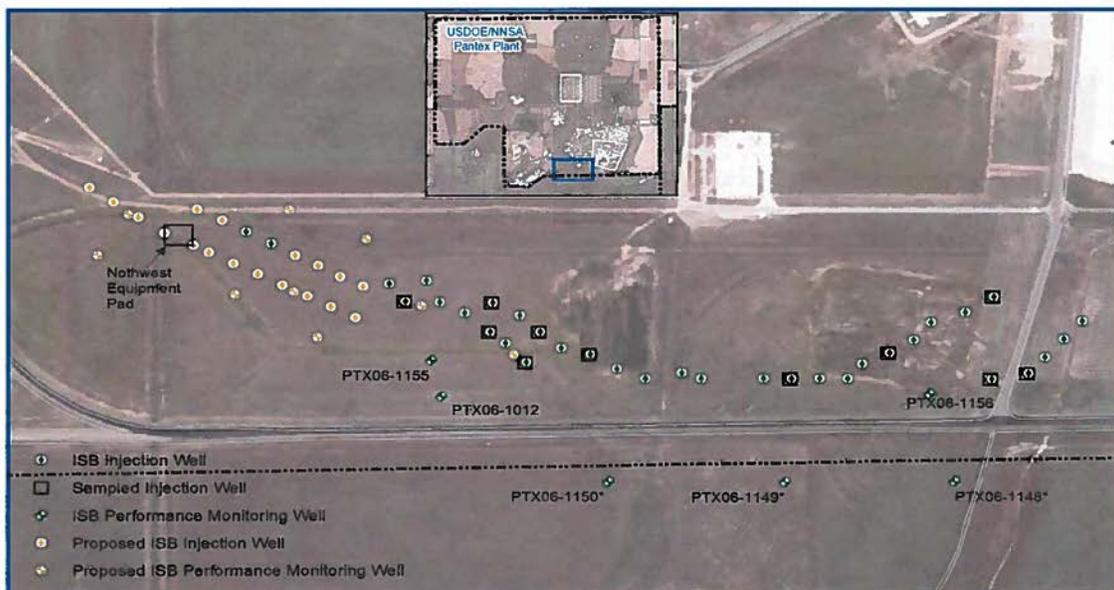
Consists of a total of 32 injection wells:

- 23 original injection wells installed in early 2009
- Another 9 installed to enhance the original system in Nov. 2009

System Enhancements in 2014

- 18 new injection wells
- 9 new monitoring wells

Zone 11 In-Situ Bioremediation Project



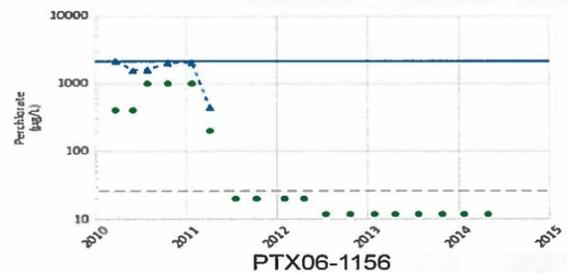
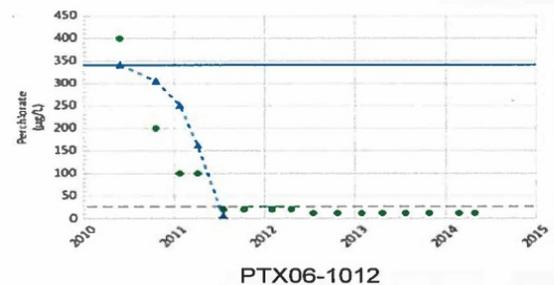
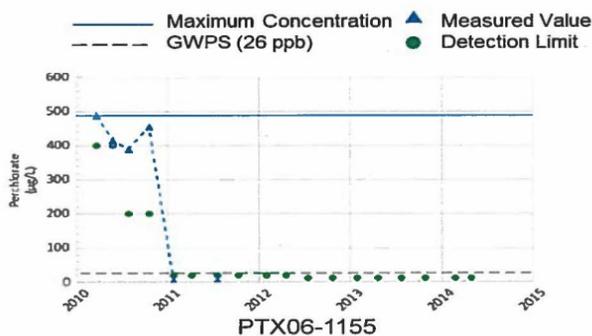
Zone 11 ISB System Progress

Injection Events

- 1st injection completed June/Nov 2009
- 2nd injection completed September 2010
- 3rd injection completed October 2011
- 4th injection completed September 2012
- 5th injection completed July 2013
- 6th injection completed July 2014
- 7th injection *scheduled* to begin May 2015

Zone 11 ISB System Progress

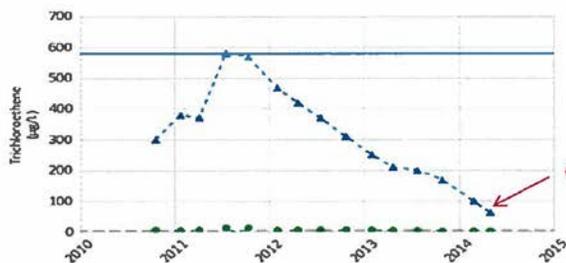
- Effectively reducing perchlorate concentrations to non-detect in all downgradient wells



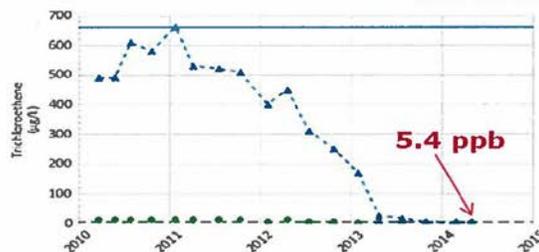
New ISPM wells just starting to demonstrate treatment – not depicted here

Zone 11 ISB System Progress

TCE concentrations are declining in both downgradient wells on the western side where the TCE plume is present



PTX06-1012



PTX06-1155

— Maximum Concentration
- - - GWPS (5 ppb)
▲ Measured Value
● Detection Limit

Zone 11 ISB System Progress

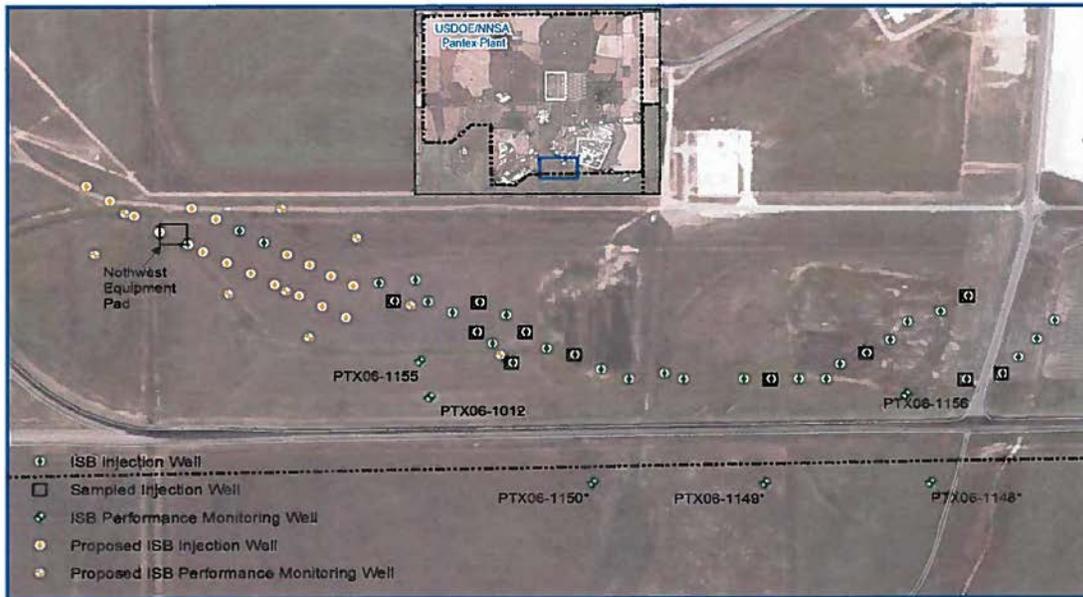
Breakdown of TCE not Complete

- 1,2-dichloroethene, a breakdown of TCE, is increasing on the western side of the ISB
- Performed special analyses to determine problem
 - Bacterial sampling to determine if necessary bacteria (*Dehalococcoides* - DHC) is present
 - Compound specific isotope analysis to determine type of breakdown
 - DHC is not detectable
 - Breakdown is occurring, but without sufficient number of DHC, TCE cannot completely breakdown

Path Forward:

- Bioaugmentation with DHC in 2015 and 2016

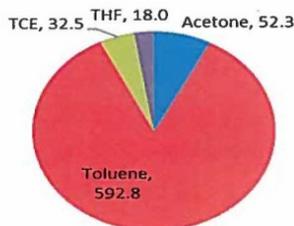
Zone 11 In-Situ Bioremediation Project



Burning Grounds SVE (soil Vapor Extraction)



- System consists of a small catalytic oxidation (CatOx) treatment unit
- Extraction focuses on one well, SVE-S-20 near the source area
- Electrical upgrades by December 2014



Total VOCs removed since startup:
17,519 lbs

Total VOCs removed FY14:
696 lbs

Burning Ground SVE Mass Removal 3rd
Quarter 2013 – 2nd Quarter 2014

Unexpected Conditions/Contingency Plan

One aspect of groundwater monitoring is evaluation for unexpected conditions

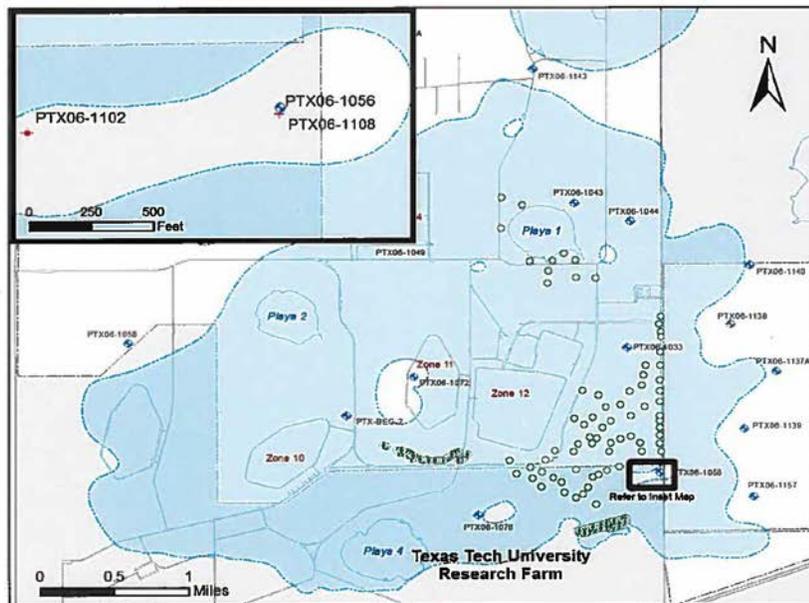
- If an unexpected condition is identified, follow up actions and notifications are implemented as defined in the Contingency Plan (a part of the approved Remedial Design)
 - Actions depend on how the results compare to the groundwater protection standard (GWPS)
-
-

Unexpected Conditions (cont'd)

3rd Quarter 2013 – 2nd Quarter 2014

- Low-level detects of Cr(VI) in 8 Ogallala monitoring wells
 - Ranged from 3.1 – 5.6 ppb
 - Levels were below PQL (10 ppb) and GWPS (100 ppb)
 - Continue monitoring according to the Sampling and Analysis Plan and Contingency Plan to determine if concentrations persist or increase
 - Pantex preparing a plan to develop Cr(VI) background
 - TTU study in Texas Panhandle demonstrates Cr(VI) occurs naturally at low concentrations
 - TTU study found detections ranging from 0.14 to 5.28 ppb in all 19 wells studied
 - Plan prepared and will be provided to TCEQ/EPA in November
 - Sampling scheduled in 2015
-

Unexpected Conditions (cont'd)



Unexpected Conditions (cont'd)

Ogallala Well PTX06-1056 HE Detections

- HE (4-amino-2,6-dinitrotoluene) detected in April 2014 at 0.171 ppb, below the PQL & GWPS
- Confirmed by a sample collected in June (Pantex and TCEQ) at a level of 0.177 ppb, below the PQL & GWPS
- Conducted a high volume purge (about 6,000 gallons) to determine if impact is localized
 - Detected 4-amino-2,6-DNT and RDX in first sample
 - Subsequent samples collected at differing intervals were non-detect
 - Indicates a localized impact

Unexpected Conditions (cont'd)

PTX06-1056 Evaluation

- Reviewed well construction information for PTX06-1056 and nearby perched wells
 - Review indicates that nearby perched well PTX06-1108 was completed deep into the fine-grained zone
 - May be serving as a preferential path for impacted perched groundwater to move to the Ogallala Aquifer
 - Path Forward:
 - Plug and abandon PTX06-1108
 - Increase monitoring at PTX06-1056 to quarterly to evaluate concentrations in the well over time
-
-

CERCLA Five-Year Review

Conclusions

- The cleanup systems are operating as intended and are well maintained
 - Workers and the public are currently protected from exposure to contamination
 - Future protection is expected with continued operation of the clean up actions
-

CERCLA 5-Year Review - Recommendations

Completed Actions 2013/2014

- Completed FS-5 ecological risk assessment
 - Assessment approved
 - Performed and evaluated aquifer testing of wells east of FM 2373 - *wells not designed for water extraction*
 - Pump and treat may be viable, more study required
 - Updated LTM Network Design and Sampling and Analysis Plan
 - Both approved and have been implemented into monitoring program
-
-

CERCLA 5-Year Review - Recommendations

Completed Actions 2013/2014

- Revised operation metrics of pump and treat systems to focus on beneficial use of treated water and eventual elimination of injection
 - Installed additional extraction well (EW-81) at P1 Pump & Treat system - *underground water table protect against freezing*
 - Community Involvement
 - Community Involvement Plan updated
 - Mailing lists updated
 - Annual Newsletter provided to neighbors
-

CERCLA 5-Year Review - Recommendations

Completed Actions 2013/2014

- Assessed flow paths and path forward for Zone 11
 - Implemented extension of the current ISB system during 2014
 - Updated worker protection values for use in SWMU interference
 - In use for protection of workers that work in SWMU areas
-
-

CERCLA 5-Year Review - Recommendations

Actions In Progress

- Continue to assess Landfill reseeding
 - Annually through 2016
 - Develop SVE Performance Monitoring Plan
 - Develop a path for closure of the SVE system
 - Other ongoing actions
 - Continue long-term monitoring and evaluation in annual reports
-

FY15 Plans

- Continue operation of existing systems
 - Upgrade SE P&T: eliminate single points of failure, streamline processes, increase capacity
 - Install EW-81 electrical and conveyance
 - Based on 2014 aquifer testing, continue evaluation for remedial actions east of FM 2373
-
-

FY15 Plans (cont.)

- Inject amendment at Zone 11 ISB and SE ISB
 - Begin bioaugmentation on western side of Zone 11 ISB (old wells)
 - Plug PTX06-1108
 - Conduct Cr Background Study
 - Report progress (Quarterly and Annual reports)
-



AGREEMENT IN PRINCIPLE
 BETWEEN
 THE STATE OF TEXAS
 &
 THE U.S. DEPARTMENT OF ENERGY
 NATIONAL NUCLEAR SECURITY ADMINISTRATION
 PANTEX SITE OFFICE



Quarterly Status Meeting

Texas Department of Public Safety
 4200 Canyon Drive
 Amarillo, Texas 79109

Tuesday, December 8, 2015

Agenda

1:00 pm	Introductions	Jerrie Coleman, NPO Patricia Walsh, NPO Roger Mulder, SECO
	DOE Update	Jerrie Coleman, NPO
	<ul style="list-style-type: none"> • Personnel Changes • Funding FY16 • Pantex Mission (current/future projects) • Security Clearance Updates • County Fire, EMS and EM MOU List for AIP • DOE Organization Chart • DNFSB/Office of Enterprise Assessments Reports 	
	Consolidated Nuclear Security (CNS) Update	Kyle Brack, CNS
	<ul style="list-style-type: none"> • Personnel Changes • Organization Chart Changes • Sharing of information with off-sites <li style="padding-left: 20px;">-Use of WINZIP 	
	SECO Update	Roger Mulder, SECO Denise Brooks, SECO
	<ul style="list-style-type: none"> • Finance Report • 2015/2016 Financial Update • Status of Next 5 Year AIP & Grant Agreement • Inventory – not due until July 2016 	
	Y-12 Exercise Recap	Roger Mulder, SECO AIP Participants
	<ul style="list-style-type: none"> • Observations • EMIInS • Lessons Learned 	
	Pantex Exercise Planning	Kyle Brack, CNS AIP Participants
	<ul style="list-style-type: none"> • 5 Year Schedule <li style="padding-left: 20px;">-Full-Scale Exercises with Radiological Release <li style="padding-left: 20px;">-Reception Center Drills <li style="padding-left: 20px;">-JIC Drills <li style="padding-left: 20px;">-Pantex Alternate EOC Drills • Pantex EMIInS Rollout Schedule • Routine Monthly and Quarterly Notification Drills & 	



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&
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NATIONAL NUCLEAR SECURITY ADMINISTRATION
PANTEX SITE OFFICE



Exercises

Carson County Update	Judge Looten, Carson County
Armstrong County Update	Judge Reed, Armstrong County
City of Amarillo Update <ul style="list-style-type: none"> • Alternate EOC – Randall County Fire Station -Timeline -Equipment Needs - DSHS Staging Area 	Kevin Starbuck, City of Amarillo Brad Britten, City of Amarillo
TDEM Update <ul style="list-style-type: none"> • TDEM Training Opportunities & Needs for AIP Participants • NIMS • New TDEM Format for Pantex SOPs Update • TDEM Regional Roadshow • TDEM Preparedness Organizational Changes 	Josh Bryant, TDEM Dee Dee Waldo, TDEM
DSHS Update <ul style="list-style-type: none"> • New PCMs Equipment Status • Old PCMs and Trailer in Austin • Tool Checker Written Procedures • Radiological Training Conducted • Status of New FEMA Regulations • Texas Nuclear Power Plant Communities’ Emergency Management Plans. 	Art Tucker, DSHS Mike Rutherford, DSHS
Pantex Area Emergency Preparedness Calendar	Dee Dee Waldo, TDEM Brenda Vermillion, Carson County Craig Thomas, Armstrong County Brad Britten, City of Amarillo
Recovery Topics <ul style="list-style-type: none"> • Food and Water Restrictions - Continuation of Discussion from October 7, 2015 Local AIP Meeting 	Kyle Brack, CNS
<ul style="list-style-type: none"> • Schedule Dr. S. Y Chen’s Presentation on Long Term Recovery 	Dee Dee Waldo, DPS
Agreement in Principle Appendix B Documents for Review, as Applicable or Current CNS Document Containing the Content: <u>Review Quarter- 1st Quarter</u> <ul style="list-style-type: none"> ○ EM-PLN-0021 Protective Actions and Warning System Plan ○ WI 02.01.02.01.10 Respond to an Operational Emergency 	Kyle Brack, CNS



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- WI 02.01.02.01.11 Recover from a Terminated Operational Emergency
- WI 02.01.02.01.12 Plan, Conduct, and Document Emergency Management Exercises
- WI 02.01.02.01.16 Determine and Communicate Initial Protective Actions
- WI 02.01.02.01.40 Plan, Coordinate, and Accomplish Reentry Activities
- WI 02.01.02.01.43 Terminate an Operational Emergency

Review Quarter- As Needed

- DeskAid-0099 Outdoor Warning system Activation
- ILLSTR-0024 Ten Mile Radius Emergency Planning Zone Map
- LIST-0059 Termination Criteria for Operational Emergencies Not Requiring Further Classification
- LIST-0060 Termination Criteria for Operational Emergencies Requiring Further Classification (ie., Alert, Site Area, General)
- PX-2247 Pantex Plant Emergency Notification Form
- PX-5521 Operations Center Emergency Response Checklist
- PX-5743 Outdoor Warning System Inspection Checklist

5:00

Adjourn

DATE	UPCOMING EVENTS
February 9, 2016	Proposed date for AIP Quarterly Meeting, Austin Texas
April 4-8, 2016	2016 Texas Emergency Management Conference, San Antonio

AGREEMEING IN PRINCIPLE
 Quarterly Status Meeting
 Texas Department of Public Safety
 4200 Canyon Drive
 Amarillo, Texas 79109
 Tuesday, December 8, 2015

	NAME	Organization	Phone #	E-mail
1.	Dee Dee Waldo	TXDPS/TDEM	468-1417	deedee.waldo@dps.texas.gov
2.	Gordon Cleveland	USDA	381-857-3597	gordon.s.cleveland@aphis.usda.gov
3.	Brad Britten	A/P/R OEM	806-683-4881	brad.britten@amarillo.gov
4.	Craig Thomas	Armstrong Co.	806-224-3651	armstrongemc@co.armstrong.tx.us
5.	Kyle Brack	CNS Pantex	512 948 1082	kbrack@pantex.com
6.	Dan Looten	Carson Co. Judge	806-537-3622	dan.looten@co.carson.tx.us
7.	Brenda Vermillion	Carson Co. EMC	806-637-5395	carsonemc@co.carson.tx.us
8.				

AGREEMEING IN PRINCIPLE
 Quarterly Status Meeting
 Texas Department of Public Safety
 4200 Canyon Drive
 Amarillo, Texas 79109
 Tuesday, December 8, 2015

	NAME	Organization	Phone #	E-mail
1.	Roger Mulder	SECO	512 463 1866	Roger.Mulder@cps.texas.gov
2.	Steve Abuta	64th CST-WMD	505 440 2035	Steven.Abuta.mil@mail.mil
3.	Joe Minshew	DPS/TDEM	806-316-7632	joeph.minshew@dps.texas.gov
4.				
5.				

AGREEMEING IN PRINCIPLE
 Quarterly Status Meeting
 Texas Department of Public Safety
 4200 Canyon Drive
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 Tuesday, December 9, 2015

	NAME	Organization	Phone #	E-mail
1.	Rae Walker	DSHS	512-924-2179	rae.walker@dshs.state.tx.us
2.	Art Tucker	DSHS	512-8346770 ²⁵⁵⁹	art.tucker@dshs.texas.gov
3.	Craig Thomas	Armstrong Co.	226-3651	armstrongemc@co.armstrong.tx.us
4.	Hugh Reed	Armstrong Co.	226-3221	armstrong@hotmail.com
5.	Mike Rutherford	DSHS	512 667 9707	mike.rutherford@dshs.state.tx.us
6.	Joshua Bergant	TDEM	512-694-4859	joshua.bergant@dps.texas.gov
7.	Brad Britten	A/P/R OEM	806-683-4881	brad.britten@amarillo.gov
8.	Pat Graham	TCEQ	806-468-0534	Patrick.Graham@tceq.texas.gov
9.	Kyle Brack	CNS Pantex	806 477 6464	kbrack@pantex.com
10.				
11.				

AGREEMEING IN PRINCIPLE

Quarterly Status Meeting

Texas Department of Public Safety

4200 Canyon Drive

Amarillo, Texas 79109

Tuesday, December 9, 2015

	NAME	Organization	Phone #	E-mail
1.	Denise Brooks	SECO	972/575-8596	denise.brooks@cpa.texas.gov
2.	Roger Mulder	SECO	512 472 0298	Roger.Mulder@cpa.texas.gov
3.	Daniel Cleaves	CNS	866 477 3515	dgleave@partex.com
4.	Douglas P. Trent	CNS	865-874-4507	TrentDP@Y12.DDC.GOV
5.				

AGREEMEING IN PRINCIPLE

Quarterly Status Meeting

Texas Department of Public Safety

4200 Canyon Drive

Amarillo, Texas 79109

Tuesday, December 9, 2015

	NAME	Organization	Phone #	E-mail
1.	Jerric Coleman	NPO	806-477-3387	Jerric.Coleman@NPA.Doe.Gov
2.	Dan Kooten	Carson County	806-537-3622	dan.kooten@co.carson.tx.us
3.	Brenda Vermillion	Carson County	806-537-5388	carsonbme@co.carson.tx.us
4.	DEE DEE WALDO	TXDPS/TDEM	806-468-1417	deedee.waldo@dps.texas.gov
5.				

MEETING NOTES FROM
THE QUARTERLY
AGREEMENT IN PRINCIPLE
MEETINGS
BETWEEN
U. S. DEPARTMENT OF ENERGY
AND THE STATE OF TEXAS

Quarterly Status Meeting
December 8, 2015

AIP Quarterly Status Meeting

December 8, 2015

Meeting Notes

I. DOE Update

Jerrie Coleman, NPO

- Personnel changes
- Funding FY16 –
- Pantex Mission (current/future projects) – High explosive facility will be built at the plant, but not approved yet, maybe FY18 new federal building will be built?
- Security Clearance Updates – still have some going thru the process
MOUs – Carson and Armstrong Counties have their executed copies of their MOUs, they are good for 5 years. The City of Amarillo’s was lost somewhere in the process so Brad will resend the draft to Jerrie to process.
- DOE Organizational chart – Jerrie will send it out electronically
- DNFSB report – Implementation plan is due to DNFSB 90 days from the date that the DOE response is in the federal register
- Roger addressed the issue “no demonstrated capability to provide timely, accurate information to the public regarding off-site radiological consequences” Roger stated that DSHS has authority for off-site monitoring and will not wait on DOE/Pantex to get that information. Daniel said what DNFSB is referring to is the delay in DSHS arriving in Amarillo to do the monitoring that is needed to make decisions on evacuation.
- When DOE makes a protective action recommendation, they do not make that public. But it will become public because the locals turn around and give out the recommendations to the public. The concern is that there might not be a “united front” and a mixed message will go out to the public.
- The ultimate goal when sirens sound is to get residents to go inside where they can get more information from the messages through their NOAA radios. Local officials must be able to base their decisions on reliable information received from the plant.
- Office of Enterprise Assessments Review of the Pantex Plant Emergency Management program is completed

- Office of external assessors visited the plant and performed a review on their Continuity of Operations Plan (COOP) – they had a lot of positive comments on the plan and they also made a few good recommendations

II. CNS Update

Daniel Gleaves/Kyle Brack, CNS

- Personnel changes – EM department has several changes including 2 positions added to technical planning basis reporting to Chuck – Raj Sheff and Terri Vigil, both engineers that have been at the plant for several years; Ezekiel “Chico” Gutierrez performing self-assessments; Tina Morgan and Felisha Broadus new in training; the 24 hour operations center which the PSS’s fall under have 3 new individuals working to become qualified (this process takes several months) Chris Herring, Candace Hodges, Twanda Taylor; Kyle is the acting manager over this group right now because Lisa Gilbreath is currently participating in the rotation shift as a PSS; the EM department will be hiring an IT person specifically for their use, conducting interviews right now to fill the position.
- Sharing of information with off-sites/WinZip - Roger would like to have another test file sent out to the AIP group to make sure everyone receives it and can access it. Daniel/Kyle will get with TDEM to look at the distribution list to see who all is on it and who all needs to receive the information and send out a test.
- The plant will be able to send EALs using WinZip once they are authorized for release.

III. SECO Update

Denise Brooks, SECO

- Full funding has been received from DOE. There is a total of \$335,415.84 in carryover going into the next year (2016)
- Once approved at Pantex, the grant goes to Albuquerque and they will want to know specifics on supplies and equipment, even pens and pencils on supplies, etc... so be ready come January for Denise to be asking for a lot of information. Denise will be drafting new contracts for everyone June/July timeframe and we will need them executed quickly from each agency.
- President Obama signed an executive order for Pantex to reclaim all loaned equipment, including anything given to local law enforcement
- Trish suggests that we look at the loaned equipment and think about replacing it with AIP funds.
- Denise is asking Trish to send locals a copy of the inventory they have for loaned equipment so everyone knows what that is.

- Final inventory will be September 2016 to finalize the grant period.

IV. Y-12 Exercise Recap

AIP participants

- Observations – their JIC was a very nice facility and the way their process worked from start of event until the EOC was up and running.
- EMInS – Pantex officially went live on the system Friday, it is working and operational. This is phase 1 and phase 2 will begin soon.
- Lessons Learned – lessons Pantex has learned from Y12 - utilization of off-site JIC and EOC, numbering the 2247s, bullet statements coming out of JIC, more social media use

V. Pantex Exercise Planning

Kyle Brack, CNS

- 5 year exercise schedule –
 - Roger would like to have a full scale in April & May but City of Amarillo usually runs their airport exercise in that time frame and April is the TDEM Emergency Management conference. Locals ask that Pantex consult with them on dates for exercises that will involve them. We had budgeted for a full scale in FY17 & FY20. Pantex looks at dates for next year's exercises in September every year.
 - Dee Dee will send out updated exercise schedule to everyone
- Monthly and Quarterly notification drills - no issues, everyone is receiving the drill notifications and able to respond to them

VI. Carson County Update

Judge Looten & Brenda Vermillion

- G191 class schedule for December 18th at the Law Enforcement Center;
- Hazmat awareness training in February
- EMAT conference is first week of February in San Marcos
- Brenda hosted a fire department meeting last night with all County departments.
- There was a pursuit last night and they lost 2 sheriff's vehicles due to fire.
- County now has their MesoNet weather site online and looking at another one going in around Groom.

VII. Armstrong County Update

Judge Reed & Craig Thomas

- Judge Reed discussed transmission lines and windfarms in the county that affect their tax abatements and tax rates.
- Judge Reed expressed concern about his 24 hour warning point which is their jail and it is in need of several things after the State Fire Marshall inspection.

- Craig provided bunker gear for their fire department and is currently working with Claude and Washburn departments to see what equipment and training they are going to need.
- Craig is still working on the Civic Ready which is the reverse 9-1-1 for the county. He has been using it for his fire departments and will try to educate the public on getting enrolled after the first of the year.
- Some improvements have been made to the Activity Center and Craig will check to see what he can provide because it is an alternate EOC for Pantex.
- County has 2 MesoNet weather sites now.

VIII. City of Amarillo Update

Brad Britten

- They held a small reception center drill/training with some new fire department employees, Art helped with the PCMs and the new tool checker. They had some Texas Forrest Service guys play volunteers to go through the entire process from start to finish.
- An alternate EOC is in the works, a building out on the south 335 loop was purchased by Randall County and they are providing a space for their use within it. They hope to have it ready for use sometime in the spring if needed.

IX. TDEM Update

Josh Bryant & Dee Dee Waldo

- Several training opportunities are coming up in our area including the G191 in Carson County. It is part of the FEMA Advanced Preparedness Series. All classes can be found on www.preparingtexas.org
- HazMat awareness classes are free for first responders thru TDEM.
- NIMS – still being handled by SAA, FEMA is not coming out with a standard compliance
- Pantex SOP for the TDEM SOC, has made it through the initial review process, Josh will make changes and send it back up
- TDEM Regional Roadshow – was looking at going out in the State to let jurisdictions know who we are and what we do, that has been scratched due to lack of funding.
- Preparedness Organizational Changes – Lee Schnell has been hired as a new Section Administrator for Preparedness and Josh Bryant is our new Hazards Unit Supervisor replacing Gabby Stermolle
- AIP briefing book needs to be updated, everyone please review and send any changes to Dee Dee within the next month or two.

X. DSHS Update

Art Tucker & Mike Rutherford

- New PCMs are working great and have the gas set up that will be needed to run them.
- Working on getting the trailer ready and then they will be able to put the old PCMs in it and use it to haul them wherever needed.
- Art is working on the written procedures to use the tool checker and hopes to have them finished in January.
- DSHS will work with Brad to provide any radiological training needed for their first responders; they have a basic 8 hour class and can be offered in the evenings.
- Pantex planner position is still vacant and trying to get it posted by January. There are a few DSHS employees in the area that are familiar with Pantex and will be available if needed to respond. Elizabeth Sanders is leaving DSHS in the next week.
- Texas Nuclear Power Plant Communities Emergency Management Plans – Rhea was hired specifically to assist with plans and exercises for Nuclear Power Plants.

XI. TCEQ Update

Pat Graham

No new personnel changes

XII. Pantex Area Emergency Preparedness Calendar

Calendar is currently at the print shop and ready to pick up tomorrow. Amarillo mails the calendars for them and Carson, Armstrong County will continue to pick theirs up and hand them out. Brad is going to meet with Amarillo College housing area out by the plant to find a better way to reach the new residents out there because most of it is rental property. Calendars will mail out the week of Christmas or week after.

XIII. Recovery Topics

Kyle Brack, CNS

Ingestion pathway recommendations – food and water restrictions are now part of Section 4 on PX-2247 form; It would be beneficial for the AIP group to have a better discussion on ingestion pathway recommendations at a later date.

XIV. Agreement in Principle Appendix B

CNS will give us a review/update on a monthly or quarterly basis. The AIP wants to be notified if there are any changes that affect them. Next Quarterly meeting will be first of February in Austin.

**AGREEMENT IN PRINCIPLE
GRANT DE-NA0001308
CUMULATIVE BUDGETS AND EXPENDITURES
FOR THE PERIOD
OCTOBER 1, 2011 THROUGH NOVEMBER 30, 2015**

AGENCY	CUMULATIVE BUDGET	ACTUAL/PROJECTED EXPENDITURES	CUMULATIVE BALANCE
State Energy Conservation Office	\$ 1,168,219.34	\$ 890,488.91 a \$ 23,500.00	\$ 254,230.43
Texas Commission on Environmental Quality	\$ 1,069,167.00	\$ 814,574.55 a \$ 20,000.00 p	\$ 234,592.45
Texas Department of State Health Services	\$ 1,364,882.86	\$ 938,597.94 a \$ 30,000.00 p	\$ 396,284.92
Texas Department of Public Safety	\$ 888,657.19	\$ 633,847.94 a \$ 60,000.00 p	\$ 194,809.25
Carson County	\$ 568,537.94	\$ 384,476.13 a \$ 8,000.00	\$ 176,061.81
Armstrong County	\$ 417,476.67	\$ 348,888.46 a \$ 10,000.00 p	\$ 58,588.21
City of Amarillo	\$ 857,120.00	\$ 735,562.54 a \$ 8,000.00 p	\$ 113,557.46
TOTALS	\$ 6,334,061.00	\$ 4,905,936.47	\$1,428,124.53

a = cumulative actual expenditures through 11/30/15 p = projected/obligated expenditures through 11/30/15